

7690-01-162-2210
FAN DECK

FEDERAL STANDARD 595B COLORS

(July 1994)

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Introduction

The Federal Standard 595B specification is a U.S. government paint color specification system that assigns numbers to colors in a loose arrangement that is used to designate a paint color. FS 595 paint sample chips are available in card and fan deck form to assist contractors in choosing paint mixes for government painting projects. These paint chips should be used as references - not tools for determining color accuracy.

This document helps researchers find quick color references by providing digital approximations of the colors found in the Federal Standard fan deck. The colors provided are not in the same order as found in the fan deck, but are provided in the color order (*i.e.*, *skipping the first digit which denotes luster: 1=gloss, 2=satin, 3=matte*) based on the second digit for the general color; and the last three digits for reflectance (*the lighter the color, the more reflectance; the more reflectance, the higher the number*). The Federal Standard numbering system is quite arbitrary, and that's why it is presented here in digital format.

Generally the second digit of a color is presented as follows:

- 0 - Brown
- 1 - Red
- 2 - Orange
- 3 - Yellow
- 4 - Green
- 5 - Blue
- 6 - Gray
- 7 - Other (white, black, violet, metallic – metallic not included)
- 8 - Fluorescent (not included)

This document was created to simplify the interpretation of the FS 595 numbering system and provide corresponding values for other coloring systems as well as a visual digital approximation of the color presented.

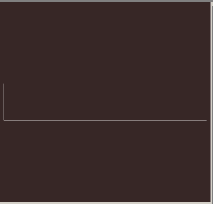

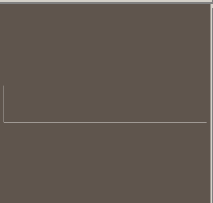
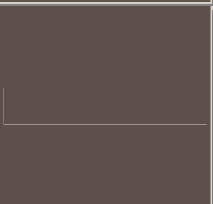
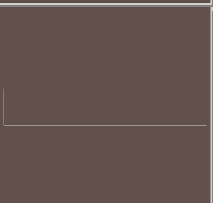
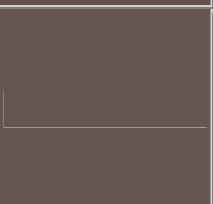
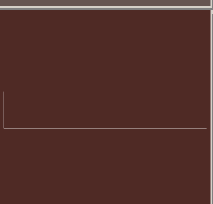
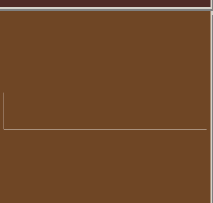
The FS 595 color translations are provided in a table format for easier browsing. The columns provided herein include:

- FS 595B number (search for the color of choice by leaving off the first digit)
- XYZ equivalent (achieved through scanning and processing a digital value of the chip)
- Decimal RGB equivalent (for digital graphic artists)
- Hexadecimal RGB equivalent (for web artists)
- CMYK equivalent (for printers)
- Munsell Hue - split into two parts: Value and Chroma (for those who need Munsell equivalents)
- An actual digital chip (perfect for the rest of us who just want to see an example)

Note that this page shows digital approximations. Many hours have been invested to bring this project to fruition; due to the amount of effort, a certain margin for human error renders this project impossible to guarantee its results or suitability. Please keep this in mind when citing references herein - for actual color comparison, a live FS 595 chip should always be used. That stated, please feel free to use this reference tool, but never forget this is just a quick reference!

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
1	0032	1.34	1.11	0.62	55	39	38	37	27	26	19	26	26	58	5	R	5	10	
2	0040	3.83	3.66	2.67	80	67	55	50	43	37	19	25	29	48	9.45	YR	2.2	1.79	
3	0040	6.64	6.53	5.94	95	85	77	5f	55	4d	19	23	27	42	9.29	YR	2.99	1.14	
1	0045	6.13	5.67	5.32	95	79	74	5f	4f	4a	19	26	28	42	1.96	YR	2.79	1.44	
2	0045	6.38	5.87	5.63	97	80	76	61	50	4c	19	26	28	42	0.66	YR	2.84	1.44	
3	0045	7.32	6.87	6.6	101	85	81	65	55	51	19	26	27	40	2.17	YR	3.07	1.31	
1	0049	2.7	1.86	0.86	79	42	37	4f	2a	25	19	34	36	48	2.22	YR	1.41	4.15	
1	0055	6.63	5.29	1.5	111	70	37	6f	46	25	19	36	49	36	5.75	YR	2.69	5.54	

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2	0059	5.33	4.8	3.61	93	72	62	5d	48	3e	19	28	32	43	4.8	YR	2.55	2.2	
2	0061	6.61	5.07	4	108	68	66	6c	44	42	19	35	36	37	6.94	R	2.63	3.87	
2	0062	4.87	4.57	4.24	86	73	68	56	49	44	19	25	27	46	4.03	YR	2.49	1.28	
1	0075	5.52	4.27	2.67	101	64	55	65	40	37	19	34	38	40	1.01	YR	2.4	3.96	
1	0076	7.7	4.96	1.36	124	57	37	7c	39	25	19	46	54	31	1.16	YR	2.6	7.68	
1	0080	5.64	5.13	2.74	97	74	54	60	4a	36	19	29	37	41	8.37	YR	2.65	3.14	
1	0091	9.02	6.5	1.61	130	71	37	82	47	25	19	43	56	29	3.07	YR	2.99	7.18	
2	0095	11.75	11.49	8.18	124	106	86	7c	6a	56	19	26	34	31	0.38	Y	3.92	2.29	

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3	0097	8.27	8.04	6.4	106	92	79	6a	5c	4f	19	25	30	38	9.38	YR	3.32	1.75	
3	0099	9.98	9.62	7.23	116	98	82	74	62	52	19	26	33	34	9.02	YR	3.61	2.09	
2	0100	12.48	9.85	3.55	143	89	56	8f	59	38	20	40	54	23	3.84	YR	3.65	6.4	
3	0108	7.6	6.86	5.02	108	84	71	6c	54	47	19	29	34	37	4.79	YR	3.07	2.47	
2	0109	11.58	8.43	4.12	140	80	63	8c	50	3f	20	43	50	24	0.01	YR	3.39	6.35	
3	0109	13.32	10.23	6.15	145	90	76	91	5a	4c	20	41	47	23	9.46	R	3.72	5.58	
3	0111	10.56	8.99	7.04	125	91	82	7d	5b	52	19	33	36	30	0.24	YR	3.5	3.2	
1	0115	18.66	15.36	5.75	166	110	68	a6	6e	44	20	41	58	15	4.61	YR	4.47	6.76	

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2	0117	11.88	10.25	5.29	134	96	70	86	60	46	19	35	45	27	5.23	YR	3.72	4.41	
3	0117	13.22	11.74	7.13	137	103	80	89	67	50	19	33	42	26	5.24	YR	3.96	3.72	
3	0118	11.34	11.17	6.84	123	105	78	7b	69	4e	19	26	37	31	1.71	Y	3.87	2.82	
2	0122	8.8	7.77	3.75	118	87	60	76	57	3c	19	32	42	33	7.06	YR	3.26	4.04	
2	0140	13.88	12.99	9.42	135	110	91	87	6e	5b	19	29	37	27	6.88	YR	4.15	2.71	
3	0140	13.82	12.81	8.82	136	109	88	88	6d	58	19	30	38	26	6.73	YR	4.12	2.97	
3	0145	14.89	14.1	9.06	139	114	88	8b	72	58	19	30	39	25	8.67	YR	4.3	3.15	
2	0152	12.69	8.52	3.58	149	74	59	95	4a	3b	20	49	55	21	9.05	R	3.41	7.9	

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3	0160	11.7	8.74	8.55	135	83	90	87	53	5a	19	40	37	27	1.2	R	3.45	5.07	
3	0166	13.35	10.46	6.97	143	92	81	8f	5c	51	20	40	44	23	8.94	R	3.75	5.08	
2	0206	21.28	19.16	17.96	159	127	121	9f	7f	79	20	32	34	17	8.07	R	4.93	3.04	
3	0206	21.28	19.07	17.47	159	126	119	9f	7e	77	20	33	35	17	8.44	R	4.92	3.17	
3	0215	18.56	16.56	8.66	158	118	85	9e	76	55	20	35	48	17	6.31	YR	4.62	4.79	
1	0219	19.46	18.27	12.86	154	126	103	9a	7e	67	20	31	40	19	7.05	YR	4.83	3.26	
2	0219	19.67	18.53	12.76	155	127	102	9b	7f	66	20	31	40	19	7.58	YR	4.86	3.32	
3	0219	21.58	20.31	14.47	161	131	108	a1	83	6c	20	31	40	17	6.99	YR	5.06	3.33	

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2	0227	23.76	22.84	18.3	163	139	120	a3	8b	78	20	29	37	16	7.41	YR	5.33	2.67	
3	0227	23.94	22.93	18.96	163	139	122	a3	8b	7a	20	29	36	15	6.43	YR	5.34	2.58	
1	0233	23.17	19.88	14.5	172	125	109	ac	7d	6d	20	38	44	12	0.53	YR	5.01	4.66	
2	0233	23.62	20.37	15.75	172	127	113	ac	7f	71	20	37	43	12	9.8	R	5.07	4.44	
3	0233	23.31	20.14	15.37	171	126	112	ab	7e	70	20	37	43	12	0.14	YR	5.04	4.42	
2	0252	26.85	22.4	14	186	129	106	ba	81	6a	20	42	51	6	1.07	YR	5.28	5.91	
3	0252	27.13	22.87	13.95	187	131	105	bb	83	69	20	41	51	6	1.83	YR	5.33	5.84	
3	0257	32.7	30.88	15.19	195	155	105	c3	9b	69	20	35	55	3	9.14	YR	6.07	5.58	

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1	0260	40.57	40.3	19.21	208	176	114	d0	b0	72	18	31	55	0	1.99	Y	6.8	5.7	
2	0260	40.59	39.96	18.32	209	175	111	d1	af	6f	17	31	56	0	1.51	Y	6.78	5.98	
1	0266	25.83	24.94	10.59	177	143	88	b1	8f	58	20	33	54	10	1.01	Y	5.53	5.52	
2	0266	25.66	25.27	10.39	175	145	87	af	91	57	20	31	54	11	2.11	Y	5.57	5.5	
3	0266	26.4	26.03	11.62	176	147	92	b0	93	5c	20	31	52	10	1.99	Y	5.64	5.22	
3	0277	26.39	26.76	20.57	166	151	125	a6	97	7d	20	25	36	14	2.65	Y	5.71	2.46	
3	0279	32.16	30.91	25.91	183	157	138	b7	9d	8a	20	30	37	8	6.24	YR	6.07	2.75	
2	0313	30.82	29.6	25.74	179	155	138	b3	9b	8a	20	29	36	9	5.44	YR	5.96	2.54	

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3	0313	31.92	30.44	26.13	183	156	139	b7	9c	8b	20	30	37	8	4.87	YR	6.03	2.75	
3	0315	31.32	30.12	25.62	181	156	138	b5	9c	8a	20	29	36	9	6.05	YR	6.01	2.64	
2	0318	30.38	30.66	24	176	159	133	b0	9f	85	20	26	36	11	1.91	Y	6.05	2.51	
3	0318	31.36	31.62	24.6	178	161	134	b2	a1	86	20	26	37	10	1.82	Y	6.13	2.58	
1	0324	31.11	29.82	24.76	181	155	136	b5	9b	88	20	30	37	8	6.14	YR	5.98	2.81	
3	0324	32.31	31.31	26.52	183	159	139	b7	9f	8b	20	29	36	8	7.05	YR	6.11	2.58	
1	0371	34.91	31.84	13.81	204	154	99	cc	9a	63	19	39	61	0	7.86	YR	6.15	6.67	
2	0372	34.61	34.73	29.46	184	167	145	b8	a7	91	20	26	35	7	0.72	Y	6.39	2.2	

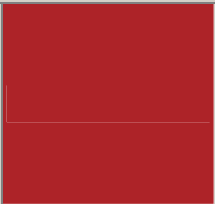
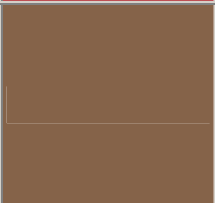

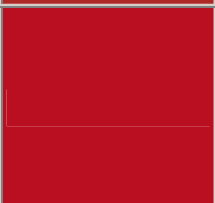
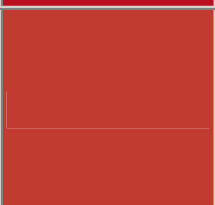
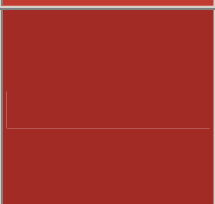
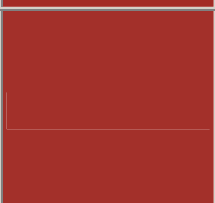
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3	0372	33.79	33.94	28.82	182	166	144	b6	a6	90	20	26	34	8	0.85	Y	6.32	2.16	
2	0400	39.53	37.13	20.61	209	167	121	d1	a7	79	18	34	52	0	8.11	YR	6.57	5.46	
2	0450	42.24	41	33.93	204	177	154	cc	b1	9a	20	30	39	0	7.28	YR	6.86	2.96	
3	0450	44.17	43.02	35.66	207	180	157	cf	b4	9d	18	29	38	0	7.59	YR	7	2.94	

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
1	1086	15.79	8	1.69	173	35	40	ad	23	28	20	74	72	12	7.45	R	3.31	13.32	
3	1090	11.86	10.66	5.84	132	99	73	84	63	49	19	32	43	28	6.88	YR	3.79	3.81	
1	1105	15.94	8.21	1.56	174	40	37	ae	28	25	20	72	73	11	7.9	R	3.35	13.28	
2	1105	18.13	8.8	1.37	185	15	33	b9	0f	21	20	86	79	7	7.66	R	3.46	15.08	
1	1120	21.73	11.86	2.82	194	59	49	c2	3b	31	20	72	76	3	7.43	R	3.98	14.04	
1	1136	13.77	7.25	1.53	163	43	37	a3	2b	25	20	67	69	16	8.06	R	3.15	12.09	
2	1136	13.87	7.51	1.86	163	48	42	a3	30	2a	20	64	67	16	7.85	R	3.21	11.65	

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3	1136	16.48	10.19	5.09	168	73	70	a8	49	46	20	57	58	14	5.84	R	3.71	9.85	
1	1140	16.22	8.45	1.85	174	43	41	ae	2b	29	20	71	72	11	7.61	R	3.4	13.1	
2	1158	24.85	15.81	11.35	194	91	100	c2	5b	64	20	60	56	3	3	R	4.53	10.58	
3	1158	24.43	15.27	10.16	194	87	95	c2	57	5f	20	61	58	3	3.48	R	4.46	10.93	
1	1302	25.72	15.22	4.16	205	79	58	cd	4f	3a	19	69	77	0	7.88	R	4.45	13.38	
2	1302	24.99	14.8	4.64	202	78	63	ca	4e	3f	20	68	74	0	7.43	R	4.4	13.02	
3	1302	25.86	14.94	4.74	206	75	64	ce	4b	40	19	70	74	0	6.99	R	4.42	13.62	
1	1328	22.06	12.98	7.24	190	74	82	be	4a	52	20	65	62	5	4.19	R	4.15	11.92	

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1	1400	28.43	16.64	3.33	214	80	48	d6	50	30	15	68	81	0	8.45	R	4.63	14.6	
2	1400	28.43	16.42	3	215	77	44	d7	4d	2c	15	69	82	0	8.46	R	4.61	14.95	
3	1400	28.5	17.39	4.83	212	88	62	d4	58	3e	16	65	75	0	8.13	R	4.73	13.33	
2	1433	39.76	35.39	26.59	210	160	139	d2	a0	8b	17	37	45	0	1.59	YR	6.44	4.92	
3	1433	39.29	35.25	26.78	208	161	139	d0	a1	8b	18	36	45	0	1.94	YR	6.43	4.7	
2	1575	55.92	52.22	43.77	232	192	170	e8	c0	aa	8	24	33	0	2.75	YR	7.6	3.95	
3	1575	54.56	50.93	41.76	231	190	167	e7	be	a7	9	25	34	0	3.14	YR	7.52	4.06	
1	1630	57.75	53.52	53.45	231	193	187	e7	c1	bb	9	24	26	0	6.61	R	7.67	3.6	

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3	1638	59.31	51.41	51.74	242	185	185	f2	b9	b9	5	27	27	0	2.16	R	7.55	5.68	
2	1643	65.54	64.68	55.42	239	213	187	ef	d5	bb	6	16	26	0	7.88	YR	8.31	2.92	
3	1643	63.92	62.92	54.45	237	211	186	ed	d3	ba	7	17	26	0	7.5	YR	8.21	2.89	
2	1667	64.93	64.1	50.7	241	212	180	f1	d4	b4	5	16	29	0	8.7	YR	8.28	3.45	
3	1667	65.47	64.53	51.24	242	213	180	f2	d5	b4	5	16	29	0	8.5	YR	8.3	3.46	
2	1668	67.08	64.27	64.92	240	211	202	f0	d3	ca	5	17	20	0	9.63	R	8.28	2.8	
3	1668	65.47	63.05	63.99	237	210	201	ed	d2	c9	7	17	21	0	0.16	YR	8.22	2.63	
3	1669	70.02	65.87	69.57	246	212	209	f6	d4	d1	3	16	18	0	4.65	R	8.37	3.29	

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1	1670	68.33	65.45	55.03	248	212	187	f8	d4	bb	2	16	26	0	4.73	YR	8.35	3.62	
2	1670	66.17	63.84	54.11	244	210	186	f4	d2	ba	4	17	27	0	5.38	YR	8.26	3.42	
3	1670	66.54	64.33	56.09	243	211	189	f3	d3	bd	4	17	26	0	5.11	YR	8.29	3.21	

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
2	2144	18.64	12.71	4.04	175	88	58	af	58	3a	20	53	65	11	0.12	YR	4.11	9.45	
1	2160	20.97	15.39	5.95	179	102	71	b3	66	47	20	50	62	9	0.73	YR	4.48	8.39	
3	2169	21.68	15.83	5.66	182	102	68	b6	66	44	20	51	64	8	0.93	YR	4.53	8.75	
2	2190	29	16.11	1.79	219	70	18	db	46	12	14	72	92	0	8.76	R	4.57	16.45	
1	2197	26.78	15.71	1.55	210	78	0	d2	4e	00	17	69	100	0	9.65	R	4.52	15.15	
1	2199	33.14	17.94	1.54	232	67	0	e8	43	00	8	73	100	0	8.63	R	4.79	18.04	
2	2203	24.68	17.19	5.02	195	102	62	c3	66	3e	20	56	72	3	0.47	YR	4.7	10.3	

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1	2215	29.49	18.97	2.46	215	97	23	d7	61	17	15	62	90	0	0.58	YR	4.91	14.02	
1	2243	34.87	24.18	2.14	227	115	0	e3	73	00	10	54	100	0	2.37	YR	5.46	14.77	
1	2246	31.97	20.15	2.18	223	97	0	df	61	00	12	62	100	0	0.39	YR	5.04	15.06	
2	2246	33.32	21.56	3.5	225	103	40	e1	67	28	11	59	84	0	0.18	YR	5.19	14.02	
3	2246	37.7	25.27	5.76	234	114	61	ea	72	3d	8	55	76	0	9.96	R	5.57	13.29	
2	2276	30.94	23.65	11.61	205	125	96	cd	7d	60	19	51	62	0	9.92	R	5.41	8.43	
3	2276	33.18	25.55	12.89	210	129	100	d2	81	64	17	49	60	0	9.88	R	5.59	8.49	
1	2300	39.73	30.2	2.13	235	136	0	eb	88	00	7	46	100	0	4.78	YR	6.01	14.98	

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2	2356	38.37	29.47	16.63	222	137	112	de	89	70	12	46	55	0	8.77	R	5.95	8.83	
3	2356	38.43	29.57	16.91	222	137	113	de	89	71	12	46	55	0	8.7	R	5.96	8.77	
1	2473	39.18	27.28	3.26	237	122	0	ed	7a	00	7	52	100	0	2.03	YR	5.75	14.69	
3	2473	40.26	30.05	8.96	233	134	78	e9	86	4e	8	47	69	0	1.69	YR	6	11.3	
2	2510	48.28	32.03	2.48	255	123	0	ff	7b	00	0	51	100	0	1.28	YR	6.17	17.43	
2	2516	43.9	38.1	20.57	225	162	121	e1	a2	79	11	36	52	0	3.79	YR	6.64	7	
3	2516	42.94	37.51	20.07	233	134	78	e9	86	4e	8	47	69	0	1.69	YR	6	11.3	
2	2519	50.66	48.09	37.03	223	186	158	df	ba	9e	12	26	37	0	5.66	YR	7.34	3.98	

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2	2544	50.11	41.09	10.56	249	162	77	f9	a2	4d	2	36	69	0	4.9	YR	6.86	11.25	
3	2544	52.6	43.35	14.38	252	166	95	fc	a6	5f	1	34	62	0	4.18	YR	7.02	10.47	
3	2555	56.56	49.83	17.12	253	182	102	fd	b6	66	0	28	59	0	6.61	YR	7.45	9.55	
2	2563	52.98	51.65	39.4	224	194	162	e0	c2	a2	12	23	36	0	8.15	YR	7.56	3.67	
2	2630	59.48	57.39	44.69	236	201	171	ec	c9	ab	7	21	33	0	6.76	YR	7.9	3.86	
3	2630	58.3	56.21	43.09	234	200	168	ea	c8	a8	8	21	34	0	6.93	YR	7.83	3.94	
1	2648	59.29	57.42	40.21	238	201	162	ee	c9	a2	6	20	36	0	8.17	YR	7.9	4.48	
2	2648	62.82	60.56	45.32	242	206	171	f2	ce	ab	5	19	32	0	7.08	YR	8.08	4.19	

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3	2648	62.84	60.84	44.13	242	206	169	f2	ce	a9	4	19	33	0	7.77	YR	8.1	4.32	
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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
3	3070	7.97	8.31	6.27	101	96	77	65	60	4d	19	22	29	40	6.71	Y	3.37	1.78	
3	3105	12.25	12.01	7.52	127	108	82	7f	6c	52	19	27	37	30	1.25	Y	4	2.81	
3	3245	26.01	24.23	11.73	179	140	94	b3	8c	5e	20	35	53	9	8.73	YR	5.47	5.32	
3	3303	30.56	31.08	23.27	176	161	131	b0	a1	83	20	26	37	10	2.84	Y	6.09	2.72	
1	3415	45.92	39.79	4.46	239	164	0	ef	a4	00	6	35	100	0	8.31	YR	6.77	13.1	
1	3432	47.96	40.84	3.77	245	164	0	f5	a4	00	3	35	100	0	7.38	YR	6.84	14.01	
3	3434	41.06	38.75	12.83	217	169	90	d9	a9	5a	14	33	64	0	0.08	Y	6.69	7.92	

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3	3440	24.3	24.23	13.39	167	144	101	a7	90	65	20	29	45	14	2.25	Y	5.47	4.1	
2	3448	36.23	36.3	23.47	193	170	129	c1	aa	81	20	29	45	4	1.81	Y	6.51	3.83	
3	3448	37.42	37.51	24.67	195	172	132	c3	ac	84	20	29	44	3	1.78	Y	6.6	3.77	
3	3481	43.14	44.88	13.48	213	186	87	d5	ba	57	16	27	65	0	4.75	Y	7.12	7.9	
1	3507	55.82	50.31	4.9	255	183	0	ff	b7	00	0	28	100	0	9.64	YR	7.48	14.13	
1	3522	48.35	49	40.03	210	193	164	d2	c1	a4	17	24	35	0	1.78	Y	7.39	2.62	
2	3522	48.16	48.63	39.9	210	192	164	d2	c0	a4	17	24	35	0	1.33	Y	7.37	2.62	
3	3522	48.57	49.06	39.6	211	193	163	d3	c1	a3	17	24	36	0	1.44	Y	7.4	2.74	

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1	3523	50.5	50.92	28.7	222	194	137	de	c2	89	12	23	46	0	2.4	Y	7.52	5.08	
1	3531	50.3	50.04	42.2	215	193	168	d7	c1	a8	15	24	34	0	9.35	YR	7.46	2.67	
2	3531	50.97	50.98	42.79	215	195	169	d7	c3	a9	15	23	33	0	10	YR	7.52	2.63	
3	3531	50.32	50.14	43.34	214	193	170	d6	c1	aa	16	24	33	0	9.29	YR	7.47	2.49	
1	3538	51.27	45.87	3.12	249	176	0	f9	b0	00	2	30	100	0	9.66	YR	7.19	0	
2	3538	54.57	48.94	5.94	254	181	0	fe	b5	00	0	29	100	0	9.3	YR	7.39	13.33	
3	3538	55.59	50.09	6.93	255	183	0	ff	b7	00	0	28	100	0	9.32	YR	7.46	12.9	
2	3564	56.55	58.16	41.52	225	207	164	e1	cf	a4	11	18	35	0	3.4	Y	7.95	3.59	

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3	3564	54.27	56.15	39.61	221	205	161	dd	cd	a1	13	19	37	0	4.01	Y	7.83	3.58	
1	3578	55.6	56.66	43.1	223	204	167	df	cc	a7	12	19	34	0	2.47	Y	7.86	3.19	
2	3578	55.23	56.5	44.5	221	205	170	dd	cd	aa	13	19	33	0	2.84	Y	7.85	2.9	
3	3578	54.81	56.22	44.35	220	204	170	dc	cc	aa	13	19	33	0	3.16	Y	7.83	2.86	
1	3591	58.24	60.42	7.88	247	209	0	f7	d1	00	3	18	100	0	4.57	Y	8.07	12.39	
1	3594	59.4	58.87	29.41	242	205	136	f2	cd	88	5	19	46	0	1.29	Y	7.99	6.29	
2	3594	60.02	59.34	31.01	242	205	140	f2	cd	8c	5	19	44	0	0.98	Y	8.01	6.06	
1	3596	54.16	54.09	27.76	231	198	134	e7	c6	86	9	22	47	0	1.84	Y	7.71	5.85	

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1	3613	63.45	62.55	45	241	210	170	f1	d2	aa	5	17	33	0	9.27	YR	8.19	4.1	
2	3613	61.68	60.88	43.37	239	208	167	ef	d0	a7	6	18	34	0	9.48	YR	8.1	4.13	
3	3613	62.13	61.32	43.92	239	208	168	ef	d0	a8	6	18	34	0	9.42	YR	8.12	4.1	
2	3617	57.06	57.58	49.01	224	205	178	e0	cd	b2	12	19	30	0	0.82	Y	7.91	2.53	
3	3617	59.89	60.13	53.19	227	209	185	e3	d1	b9	10	18	27	0	9.79	YR	8.06	2.36	
1	3618	60.71	61.95	20.93	246	210	109	f6	d2	6d	3	17	57	0	3.47	Y	8.16	8.34	
2	3619	59.79	60.03	42.92	233	208	166	e9	d0	a6	8	18	34	0	1.02	Y	8.05	3.87	
1	3637	44.74	43.72	6.86	226	180	30	e2	b4	1e	11	29	88	0	2.54	Y	7.05	10.95	

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3	3637	53.35	52.47	14.89	239	194	89	ef	c2	59	6	23	64	0	2.12	Y	7.61	9.1	
1	3655	59.57	57.31	4.58	255	199	0	ff	c7	00	0	22	100	0	2.13	Y	7.9	14.64	
2	3655	61	59.62	5.57	255	203	0	ff	cb	00	0	20	100	0	2.64	Y	8.03	14.05	
3	3655	62.28	59.82	7.34	255	202	0	ff	ca	00	0	20	100	0	1.81	Y	8.04	13.39	
1	3670	55.9	63.87	20.48	225	221	104	e1	dd	68	11	13	59	0	0.64	GY	8.26	8.33	
2	3685	66.25	71.07	47	236	227	170	ec	e3	aa	7	10	33	0	8.35	Y	8.63	4.04	
3	3685	64.85	69.24	45.92	234	225	169	ea	e1	a9	8	11	33	0	7.66	Y	8.54	4	
1	3690	65.15	66.39	53.26	236	218	183	ec	da	b7	7	14	28	0	2.14	Y	8.4	2.91	

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2	3690	63.78	64.97	52.12	234	216	182	ea	d8	b6	8	15	28	0	2.12	Y	8.32	2.91
3	3690	66.6	67.72	53.01	239	219	182	ef	db	b6	6	13	28	0	1.91	Y	8.47	3.13
1	3695	63.14	63.67	30.02	246	212	136	f6	d4	88	3	16	46	0	2.46	Y	8.25	6.56
2	3695	64.05	64.39	31.37	248	213	139	f8	d5	8b	2	16	45	0	2.18	Y	8.29	6.41
3	3695	66.85	67.39	34.69	251	217	146	fb	d9	92	1	14	42	0	2.19	Y	8.45	6.1
3	3696	68.72	68.13	23.34	255	216	114	ff	d8	72	0	15	55	0	1.98	Y	8.49	8.76
2	3697	63.93	65.11	32.56	245	215	142	f5	d7	8e	3	15	44	0	2.92	Y	8.33	6.13
1	3711	64.73	64.92	49.16	239	215	177	ef	d7	b1	6	15	30	0	0.58	Y	9.32	3.52

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2	3711	67.73	68.12	51.36	244	219	180	f4	db	b4	4	14	29	0	0.83	Y	8.49	3.54	
3	3711	65.33	65.85	49.07	240	216	176	f0	d8	b0	5	15	30	0	1.14	Y	8.37	3.58	
2	3717	67.33	68.58	55.2	239	221	186	ef	dd	ba	6	13	27	0	2.04	Y	8.51	2.91	
3	3717	67.1	68.28	55.87	239	220	187	ef	dc	bb	6	13	26	0	1.87	Y	8.49	2.8	
2	3722	65.05	66.71	48.53	238	219	175	ee	db	af	6	14	31	0	2.96	Y	8.41	3.57	
3	3722	64.99	66.36	49.91	237	218	177	ed	da	b1	6	14	30	0	2.49	Y	8.39	3.37	
2	3727	68.25	70.92	48.53	242	225	174	f2	e1	ae	5	11	31	0	4.15	Y	8.63	3.95	
3	3727	67.96	70.29	49.13	242	224	175	f2	e0	af	5	12	31	0	3.73	Y	8.6	3.82	

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2	3785	59.96	63.14	14.75	244	214	79	f4	d6	4f	4	16	69	0	5.01	Y	8.22	9.99	
2	3793	70.76	76.22	36.97	248	233	148	f8	e9	94	2	8	41	0	6.99	Y	8.89	6.19	
3	3793	71.79	78.19	36.27	249	237	145	f9	ed	91	2	7	42	0	7.95	Y	8.98	6.5	
3	3798	72.16	75.14	45.72	250	230	167	fa	e6	a7	1	9	34	0	4.22	Y	8.83	4.83	
2	3814	65.25	72.21	43.78	232	231	164	e8	e7	a4	9	9	35	0	1.36	GY	8.69	4.74	
3	3814	66.68	74.56	44.12	233	234	164	e9	ea	a4	8	8	35	0	2.1	GY	8.81	4.98	

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
3	4031	5.91	6.01	6.29	87	84	80	57	54	50	19	21	22	45	3.44	Y	2.87	0.49	
1	4036	1.71	2.26	2.47	38	61	55	26	3d	37	29	19	22	56	8.63	G	1.62	2.76	
1	4050	3.31	3.67	3.28	66	70	60	42	46	3c	21	19	23	52	5.77	GY	2.2	1.51	
1	4052	3.15	3.44	2.77	67	68	56	43	44	38	20	19	24	53	2.29	GY	2.12	1.6	
2	4052	3.95	4.29	3.7	73	74	63	49	4a	3f	20	19	24	50	2.97	GY	2.4	1.4	
3	4052	5.9	6.25	6.19	85	86	79	55	56	4f	20	19	22	46	3.29	GY	2.93	0.82	
1	4056	2.61	3.05	3.09	56	67	60	38	43	3c	24	19	22	53	2.58	G	1.97	1.87	

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3	4058	5.54	6.88	9.09	61	94	93	3d	5e	5d	32	19	20	43	4.99	BG	3.07	2.88	
1	4062	3.01	4.94	3.34	31	86	59	1f	56	3b	41	19	30	46	2.18	G	2.59	5.67	
1	4064	4.12	4.39	3.37	76	75	60	4c	4b	3c	19	20	26	50	9.49	Y	2.43	1.62	
2	4064	4.59	4.85	3.87	80	77	64	50	4d	40	19	20	26	48	8.87	Y	2.57	1.48	
3	4064	7.34	7.6	7.72	94	92	86	5e	5c	56	19	20	23	43	8.75	Y	3.23	0.63	
1	4066	2.21	5.02	4.04	0	91	64	00	5b	40	55	19	30	44	5.93	G	2.62	8.83	
1	4077	4.06	4.59	4.32	70	78	68	46	4e	44	22	19	23	49	8.45	GY	2.49	1.64	
1	4079	4.96	5.48	3.94	70	78	68	46	4e	44	22	19	23	49	8.54	GY	2.74	1.65	

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2	4079	6.01	6.54	5.3	87	88	73	57	58	49	20	19	26	45	2.21	GY	3	1.65	
3	4079	6.66	7.25	6.3	89	92	78	59	5c	4e	20	19	25	43	3.67	GY	3.15	1.47	
3	4082	7.81	8.82	6.2	96	100	76	60	64	4c	21	19	29	40	3.69	GY	3.47	2.43	
3	4083	7.12	7.64	6.58	93	93	80	5d	5d	50	20	19	25	43	1.66	GY	3.24	1.4	
1	4084	2.02	2.11	1.26	60	55	40	3c	37	28	19	21	27	56	6.93	Y	1.55	1.78	
2	4084	3.06	3.16	2.19	70	65	50	46	41	32	19	22	27	52	5.97	Y	2.01	1.74	
3	4084	5.52	5.7	5.04	86	82	72	56	52	48	19	21	25	46	6.38	Y	2.79	1.11	
3	4086	7.75	8.07	7.75	97	95	86	61	5f	56	19	20	24	42	8.87	Y	3.32	0.87	

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1	4087	2.02	2.11	1.25	60	55	39	3c	37	27	19	21	28	56	6.92	Y	1.55	1.8	
2	4087	2.98	3.09	2.09	69	64	49	45	40	31	19	22	27	52	6.3	Y	1.99	1.81	
3	4087	5.16	5.26	4.41	85	79	68	55	4f	44	19	22	26	46	4.41	Y	2.68	1.28	
3	4088	5.12	5.22	4.38	85	79	68	55	4f	44	19	22	26	46	4.44	Y	2.67	1.28	
3	4089	10.32	11.56	6.31	111	111	74	6f	6f	4a	20	19	34	36	1.16	GY	3.93	3.24	
1	4090	4.29	8.99	5.4	0	113	69	00	71	45	64	19	37	35	3.2	G	3.5	9.24	
3	4090	8.14	13.63	9.49	35	130	89	23	82	59	57	19	36	29	3.1	G	4.24	7.41	
2	4091	8.13	8.17	8.56	100	94	90	64	5e	5a	19	22	23	40	9.87	YR	3.34	0.55	

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3	4092	7.21	8.39	8.73	83	100	90	53	64	5a	26	19	23	40	4.21	G	3.38	1.99	
3	4095	6.55	7.54	4.74	89	95	67	59	5f	43	22	19	30	42	3.7	GY	3.21	2.78	
3	4096	7.98	8.69	7.22	97	99	82	61	63	52	20	19	26	41	2.75	GY	3.44	1.66	
1	4097	8.09	9.43	6.01	96	104	74	60	68	4a	23	19	31	39	4.74	GY	3.58	2.95	
2	4097	8.35	9.68	6.56	97	105	78	61	69	4e	23	19	30	38	5.08	GY	3.62	2.77	
3	4097	8.78	10.05	7.14	99	106	81	63	6a	51	22	19	29	38	4.92	GY	3.69	2.56	
2	4098	8.4	9.28	4.64	104	101	65	68	65	41	19	21	35	39	9.97	Y	3.55	3.3	
3	4098	10	10.89	6.52	111	108	76	6f	6c	4c	19	21	33	36	9.74	Y	3.83	2.78	

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3	4102	8.41	9.4	6.92	99	103	80	63	67	50	21	19	28	39	3.49	GY	3.57	2.26	
2	4108	6.3	8.66	7.34	66	105	83	42	69	53	35	19	28	38	2.94	G	3.44	4.17	
3	4108	7.16	9.81	8.19	71	110	86	47	6e	56	35	19	29	36	2.62	G	3.64	4.26	
1	4109	2.91	5.81	4.85	0	95	69	00	5f	45	57	19	30	42	6.02	G	2.82	7.92	
1	4110	5.18	9.04	3.95	39	111	58	27	6f	3a	48	19	40	36	0.66	G	3.51	7.65	
1	4115	6.1	11.18	9.08	0	122	89	00	7a	59	67	19	32	32	5.45	G	3.87	8.04	
1	4120	5.93	11.79	10.66	0	126	96	00	7e	60	69	19	31	30	7.38	G	3.97	9.18	
3	4127	10.19	11.2	6.4	111	109	75	6f	6d	4b	19	20	34	36	0.19	GY	3.88	2.98	

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3	4128	10.29	12.04	10.01	101	115	94	65	73	5e	25	19	28	34	8.17	GY	4.01	2.51	
3	4130	8.84	9.66	5.69	105	103	72	69	67	48	19	20	33	38	9.92	Y	3.62	2.79	
3	4138	11.17	15.55	7.97	94	132	80	5e	84	50	34	19	40	28	8.74	GY	4.5	5.9	
2	4148	11.64	13.35	16.57	97	120	118	61	78	76	28	19	20	32	4.9	BG	4.2	2.07	
3	4148	12.28	13.99	16.89	101	122	119	65	7a	77	28	19	21	32	3.53	BG	4.29	1.93	
3	4151	10.5	11.77	5.97	113	112	72	71	70	48	19	20	36	35	0.87	GY	3.96	3.47	
1	4158	12.85	14.21	16.58	107	121	118	6b	79	76	25	19	21	32	1.14	BG	4.32	1.38	
2	4158	12.83	14.08	16.69	108	121	118	6c	79	76	25	19	20	32	2.59	BG	4.3	1.27	


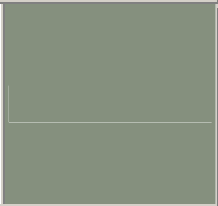
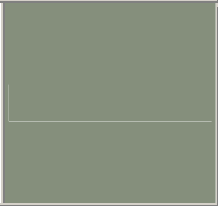
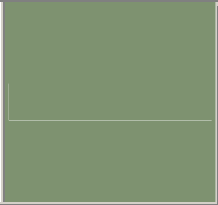
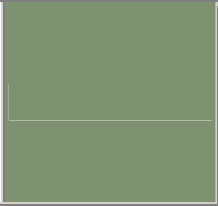

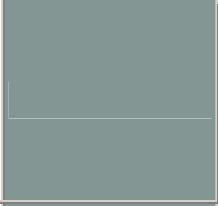
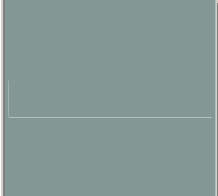
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3	4158	12.9	14.19	16.92	108	121	119	6c	79	77	25	19	20	32	3.08	BG	4.32	1.32	
1	4159	13.56	14.89	14.29	116	123	110	74	7b	6e	22	19	25	31	7.29	GY	4.41	1.5	
2	4159	14.34	15.66	15.05	119	125	112	77	7d	70	22	19	25	30	6.89	GY	4.51	1.45	
3	4159	13.28	14.62	13.86	115	122	108	73	7a	6c	22	19	25	32	7.16	GY	4.37	1.56	
2	4172	12.81	15.04	12.89	109	126	104	6d	7e	68	26	19	28	30	9.16	GY	4.43	2.65	
1	4187	9.4	14.65	4.08	82	132	49	52	84	31	39	19	52	28	7.94	GY	4.38	8.21	
2	4201	18.23	18.95	14.11	141	133	107	8d	85	6b	20	23	33	24	5.72	Y	4.91	2.27	
3	4201	17.77	18.5	13.79	140	132	106	8c	84	6a	19	23	33	25	5.96	Y	4.86	2.25	

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1	4223	13.32	18.1	13.97	95	140	106	5f	8c	6a	37	19	33	25	1.84	G	4.81	5.13	
2	4226	19.41	21.6	20.55	132	143	127	84	8f	7f	24	20	26	23	8.51	GY	5.2	1.85	
3	4226	18.93	21.04	19.82	132	142	125	84	8e	7d	24	20	26	24	8.06	GY	5.14	1.85	
2	4227	18.34	21.84	16.52	127	146	113	7f	92	71	27	20	32	22	7.8	GY	5.22	3.46	
3	4227	18.06	21.48	16.13	127	145	112	7f	91	70	27	20	32	22	7.62	GY	5.19	3.45	
3	4230	14.79	22.89	11.09	89	157	90	59	9d	5a	46	20	46	18	0.38	G	5.33	8.3	
2	4233	21.7	24.07	28.66	131	150	147	83	96	93	27	20	21	21	3.45	BG	5.45	1.66	
3	4233	21.82	24.25	29.48	130	151	149	82	97	95	27	20	20	20	4.93	BG	5.47	1.75	

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1	4241	24.68	28.48	31.44	125	162	152	7d	a2	98	30	20	24	16	8.19	G	5.86	2.38	
2	4241	25.35	29.13	32.14	137	164	153	89	a4	99	30	20	24	15	8.01	G	5.92	2.31	
3	4241	25.49	29.32	32.04	138	164	153	8a	a4	99	30	20	24	15	7.35	G	5.94	2.32	
1	4255	20.87	22.21	12.08	152	142	96	98	8e	60	20	23	41	20	7.22	Y	5.26	3.77	
1	4257	20.76	22.71	13.49	148	145	102	94	91	66	20	21	38	21	0.08	GY	5.31	3.47	
3	4258	20.76	23.49	14.12	144	148	104	90	94	68	21	20	37	21	2.61	GY	5.39	3.7	
3	4259	16.56	17.88	6.12	142	131	66	8e	83	42	20	24	49	24	7.55	Y	4.78	5.18	
1	4260	17.51	24.07	20.95	99	158	126	63	9e	7e	43	20	32	18	4.01	G	5.45	5.61	

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2	4260	19.08	25.04	22.93	109	159	131	6d	9f	83	39	20	30	17	4.16	G	5.54	4.77	
1	4272	20.6	25.88	22.32	122	159	129	7a	9f	81	34	20	31	17	1.88	G	5.62	4.13	
2	4272	19.22	24.44	20.77	117	156	126	75	9c	7e	35	20	31	18	1.92	G	5.49	4.31	
3	4272	19.72	24.86	21.57	119	157	128	77	9d	80	34	20	31	18	2.04	G	5.53	4.14	
1	4277	24.38	27.28	30.34	139	158	150	8b	9e	96	27	20	23	17	7.38	G	5.75	1.77	
2	4277	24.2	27.02	30.26	139	157	149	8b	9d	95	27	20	23	18	7.91	G	5.73	1.73	
3	4277	23.7	26.65	29.85	136	157	149	88	9d	95	28	20	23	18	8.27	G	5.7	1.87	
2	4300	25.37	29.27	30.15	140	164	148	8c	a4	94	29	20	26	15	3.85	G	5.93	2.38	

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3	4300	25.19	28.92	30.32	139	163	149	8b	a3	95	29	20	25	16	4.44	G	5.9	2.27	
1	4325	26.16	31.84	33.41	132	172	155	84	ac	9b	35	20	26	12	7.01	G	6.15	3.49	
2	4325	25.56	31.18	32.94	130	171	154	82	ab	9a	36	20	26	13	7.41	G	6.1	3.51	
3	4325	24.85	30.35	31.93	128	169	152	80	a9	98	35	20	26	13	7.22	G	6.03	3.5	
2	4373	31.47	35.52	31.47	161	176	149	a1	b0	95	25	20	30	11	7.88	GY	6.45	2.47	
3	4373	31.09	35.3	30.2	160	175	146	a0	af	92	25	20	31	11	7.51	GY	6.43	2.68	
2	4410	36.09	40.02	41.05	167	184	168	a7	b8	a8	26	20	26	8	1.34	G	6.78	1.8	
3	4410	33.91	37.92	39.35	162	180	165	a2	b4	a5	27	20	25	9	2.39	G	6.63	1.9	

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3	4414	42.96	47.32	45.07	184	196	173	b8	c4	ad	24	20	28	3	8.04	GY	7.29	1.97	
2	4417	37.94	41.28	39.33	177	185	164	b1	b9	a4	23	20	27	7	6.82	GY	6.88	1.73	
2	4424	37.43	40.29	36.1	179	182	158	b3	b6	9e	21	20	29	8	4	GY	6.8	1.85	
3	4424	37.46	40.4	36.41	179	182	159	b3	b6	9f	21	20	29	8	4.55	GY	6.81	1.84	
2	4432	38.27	41.25	40.08	178	184	166	b2	b8	a6	22	20	27	7	6.43	GY	6.87	1.52	
3	4432	37.59	40.54	39.23	177	183	164	b1	b7	a4	22	20	27	8	6.36	GY	6.82	1.54	
2	4441	38.48	42.67	37.76	177	188	161	b1	bc	a1	24	20	30	6	6.73	GY	6.97	2.34	
3	4441	37.58	41.85	36.76	175	187	159	af	bb	9f	24	20	30	6	6.87	GY	6.92	2.42	

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1	4449	36.73	42.29	35.75	170	189	156	aa	bd	9c	27	20	32	5	8.27	GY	6.95	3.13	
2	4449	35.61	41.04	34.64	168	187	154	a8	bb	9a	27	20	32	6	8.28	GY	6.86	3.12	
3	4449	35.95	41.69	35.2	167	189	155	a7	bd	9b	28	20	33	6	8.67	GY	6.9	3.25	
2	4466	36.8	42.22	39.2	167	189	164	a7	bd	a4	28	20	30	5	0.25	G	6.94	2.73	
1	4491	40.5	45.62	44.89	174	194	173	ae	c2	ad	27	20	28	3	0.91	G	7.17	2.26	
2	4491	40.62	45.8	46.26	173	195	176	ad	c3	b0	28	20	27	3	1.88	G	7.19	2.22	
3	4491	41.5	46.72	45.49	177	196	174	b1	c4	ae	27	20	28	3	0.53	G	7.25	2.29	
2	4504	40.47	45.16	41.77	178	193	168	b2	c1	a8	25	20	29	4	8.26	GY	7.14	2.28	

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3	4504	42.29	47	43.8	182	196	171	b6	c4	ab	25	20	29	3	8.17	GY	7.26	2.2	
1	4516	45.02	49.67	50.74	184	200	183	b8	c8	b7	26	20	26	1	0.86	G	7.44	1.79	
2	4516	44.07	48.4	49.28	183	197	181	b7	c5	b5	25	20	26	2	0.29	G	7.36	1.7	
3	4516	43.65	48.4	48.73	182	198	180	b6	c6	b4	26	20	27	2	0.65	G	7.36	1.91	
2	4518	41.3	45.7	45.56	178	193	175	b2	c1	af	25	20	27	4	0.04	G	7.18	1.88	
3	4518	41.85	46.14	47.82	178	194	179	b2	c2	b3	26	20	26	3	1.42	G	7.21	1.72	
3	4524	42.66	48.05	36.66	187	198	156	bb	c6	9c	24	20	36	2	5.6	GY	7.33	3.32	
2	4525	43.46	48.28	44.24	185	198	172	b9	c6	ac	25	20	30	2	7.66	GY	7.35	2.27	

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1	4533	38.58	43.71	33.94	178	191	152	b2	bf	98	24	20	35	5	6.07	GY	7.04	3.25	
2	4533	38.95	44.29	34.09	179	192	152	b3	c0	98	25	20	35	4	6.17	GY	7.08	3.36	
3	4533	40.83	46.44	36.95	181	196	158	b5	c4	9e	25	20	34	3	6.63	GY	7.23	3.25	
3	4540	38.47	50.72	29.9	161	210	139	a1	d2	8b	36	17	45	0	9.09	GY	7.5	7.15	
2	4552	49.23	54.33	30.28	209	206	140	d1	ce	8c	17	19	45	0	0.48	GY	7.72	4.93	
3	4552	50.66	55.38	32.16	212	207	144	d4	cf	90	16	18	43	0	9.92	Y	7.79	4.66	
2	4554	57.76	61.46	54.57	215	215	186	d7	d7	ba	15	15	26	0	1.97	GY	8.13	1.92	
3	4554	55.72	59.87	53.42	210	213	185	d2	d5	b9	17	16	27	0	4.14	GY	8.04	1.98	

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2	4558	49.17	55.21	48.91	193	209	178	c1	d1	b2	24	17	30	0	7.76	GY	7.78	2.66	
3	4558	48.37	54.51	47.39	192	208	176	c0	d0	b0	24	18	31	0	7.58	GY	7.73	2.79	
2	4583	55.26	62.53	53.46	203	220	184	cb	dc	b8	20	13	27	0	7.61	GY	8.19	3	
3	4583	44.44	47.91	40.09	194	195	164	c2	c3	a4	20	20	32	3	2.54	GY	7.32	2.3	
2	4585	59.54	66.91	63.69	206	226	199	ce	e2	c7	19	11	21	0	9.86	GY	8.42	2.45	
2	4664	53.76	60.32	58.08	197	217	192	c5	d9	c0	22	14	24	0	0.06	G	8.07	2.35	
3	4666	61.86	70.72	47.41	219	231	171	db	e7	ab	14	9	32	0	5.42	GY	8.62	4.46	
2	4670	60.56	65.34	66.34	212	221	203	d4	dd	cb	17	13	20	0	8.34	GY	8.34	1.47	

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3	4670	58.21	62.87	64.01	208	218	201	d0	da	c9	18	14	21	0	8.66	GY	8.21	1.47	
1	4672	58.82	63.63	58.43	213	219	192	d5	db	c0	16	14	24	0	5.78	GY	8.25	1.94	
2	4672	60.05	65.01	59.14	215	221	193	d7	dd	c1	15	13	24	0	5.68	GY	8.32	2	
3	4672	58.91	63.87	57.65	213	219	191	d5	db	bf	16	13	25	0	5.65	GY	8.26	2.06	

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
1	5042	1.79	1.94	3.07	45	55	61	2d	37	3d	26	22	19	56	6.89	B	1.46	1.4	
2	5042	2.56	2.75	4.24	53	63	69	35	3f	45	26	22	19	52	7.63	B	1.85	1.44	
3	5042	4.07	4.25	5.75	69	74	78	45	4a	4e	23	21	19	49	8.17	B	2.39	0.8	
1	5044	1.52	1.49	3.54	38	48	66	26	30	42	30	26	19	54	4.45	PB	1.19	2.65	
3	5044	4.12	4.08	6.71	69	72	84	45	48	54	25	24	19	47	5.93	PB	2.34	1.65	
1	5045	1.99	2.22	4.91	33	59	74	21	3b	4a	36	26	19	50	8.76	B	1.6	3.12	
2	5045	2.58	2.76	5.79	44	63	79	2c	3f	4f	33	26	19	48	0.61	PB	1.85	2.95	

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3	5045	4.71	5.01	8.69	65	80	93	41	50	5d	31	25	19	43	0.36	PB	2.61	2.26	
1	5050	3.01	2.93	9.34	33	64	97	21	40	61	45	33	19	41	3.94	PB	1.92	5.41	
2	5051	5.14	4.99	10.03	70	78	99	46	4e	63	31	28	19	41	5.9	PB	2.61	3.02	
2	5053	4.17	4.24	10.32	52	74	101	34	4a	65	39	30	19	40	3.23	PB	2.39	4.23	
1	5056	3.44	2.27	13.76	37	50	115	25	32	73	50	45	19	34	6.94	PB	1.63	9.83	
2	5056	3.61	2.41	14.46	37	52	117	25	34	75	51	45	19	34	6.89	PB	1.69	9.94	
3	5056	5.73	4.45	19.96	51	70	133	33	46	85	52	44	19	27	6.85	PB	2.45	9.3	
1	5065	5.43	5.72	20.6	0	86	134	00	56	86	72	38	19	27	1.88	PB	2.8	8.03	

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1	5080	4.61	5.02	13.53	30	82	112	1e	52	70	52	32	19	35	0.83	PB	2.62	5.4	
1	5090	4.43	5.03	16.79	0	83	123	00	53	7b	68	35	19	31	0.09	PB	2.62	7.21	
1	5092	11.02	12.11	38.11	0	117	170	00	75	aa	86	40	20	13	1.27	PB	4.02	9.48	
1	5102	8.19	8.56	26.32	24	100	147	18	64	93	68	38	20	22	2.38	PB	3.42	7.79	
2	5102	7.94	8.26	23.24	47	98	140	2f	62	8c	56	36	19	25	2.58	PB	3.36	6.74	
1	5107	15.51	17.16	29.65	98	132	152	62	84	98	41	27	20	20	8.52	B	4.7	4.05	
2	5109	10.75	11.79	22.15	81	114	135	51	72	87	41	28	19	26	9.69	B	3.97	4.1	
3	5109	9.86	11.38	21.29	69	114	133	45	72	85	45	27	19	27	6.77	B	3.9	4.33	

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1	5123	11.6	11.08	36.21	58	108	167	3a	6c	a7	62	43	20	14	5.08	PB	3.86	9.29	
1	5125	6.79	9.19	24.64	0	110	142	00	6e	8e	75	32	20	24	4.96	B	3.53	7.96	
3	5164	14.9	15.54	23.58	111	124	138	6f	7c	8a	30	25	19	26	1.74	PB	4.49	2.37	
1	5177	15.31	16.48	30.78	0	138	180	00	8a	b4	90	36	20	9	5.43	B	4.61	9.92	
2	5177	15.02	15.64	30.13	100	125	153	64	7d	99	40	30	20	19	2.81	PB	4.51	4.7	
3	5177	15.74	16.94	30.5	101	130	154	65	82	9a	40	29	20	19	0.68	PB	4.67	4.29	
1	5180	12.17	12.23	43.08	0	115	180	00	73	b4	90	45	20	9	3.52	PB	4.03	10.69	
3	5180	14.25	14.35	48.07	19	122	187	13	7a	bb	85	45	20	6	3.66	PB	4.34	10.67	

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1	5182	12.95	14.9	41.68	0	128	176	00	80	b0	89	38	20	10	9.92	B	4.41	8.97	
2	5183	13.95	14.96	42.16	43	126	177	2b	7e	b1	72	40	20	10	1.94	PB	4.42	8.81	
3	5183	14.09	15.41	42.78	34	128	178	22	80	b2	76	39	20	10	1.37	PB	4.48	8.81	
2	5184	14.92	17.16	32.36	82	134	157	52	86	9d	49	29	20	18	7.36	B	4.7	5.18	
1	5187	19.79	23.89	57.54	0	156	200	00	9c	c8	98	37	20	1	7.89	B	5.43	9.14	
2	5189	17.85	19.5	28	116	138	147	74	8a	93	32	23	20	22	5.87	B	4.97	2.43	
3	5189	17.13	19.09	27.2	111	138	145	6f	8a	91	33	22	20	23	3.73	B	4.92	2.57	
2	5190	18.78	20.99	37.86	100	144	167	64	90	a7	46	29	20	14	8.58	B	5.13	4.94	

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3	5190	18.74	20.93	38.48	99	144	169	63	90	a9	47	29	20	13	8.82	B	5.13	5.14	
1	5193	15.48	18.81	28.72	88	140	149	58	8c	95	43	23	20	21	1.02	B	4.89	4.25	
2	5193	16.22	19.46	29.31	93	142	150	5d	8e	96	42	23	20	21	1.24	B	4.97	4.02	
3	5193	16.3	19.85	30.24	89	143	152	59	8f	98	44	23	20	20	0.93	B	5.01	4.36	
1	5200	29.61	36.18	68.4	84	183	212	54	b7	d4	67	28	16	0	5.57	B	6.5	7.53	
3	5231	23.7	23.47	47.93	125	145	185	7d	91	b9	43	35	20	7	5.58	PB	5.39	6.21	
2	5237	21.01	22.26	29.3	132	144	149	84	90	95	26	22	20	21	6.02	B	5.27	1.43	
3	5237	21.93	23.16	30.48	135	146	151	87	92	97	26	22	20	20	6.69	B	5.36	1.42	

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2	5240	25.44	26.03	49.77	127	153	187	7f	99	bb	43	33	20	6	4.13	PB	5.64	5.67	
3	5240	26.31	27.11	52.16	127	156	191	7f	9c	bf	44	33	20	5	3.75	PB	5.74	5.86	
3	5250	27.04	29.82	68.42	91	166	214	5b	a6	d6	64	34	16	0	1.03	PB	5.98	8.69	
3	5275	19.43	26.18	41.6	53	164	173	35	a4	ad	66	23	20	12	9.51	BG	5.65	6.74	
2	5299	24.54	29.61	36.3	122	167	161	7a	a7	a1	37	20	22	14	4.39	BG	5.96	3.51	
3	5299	23.38	28.52	34.35	119	165	158	77	a5	9e	38	20	22	15	3.62	BG	5.87	3.64	
2	5352	28.33	31.38	37.74	146	167	164	92	a7	a4	28	20	21	14	4.57	BG	6.11	1.76	
3	5352	29.07	32.03	37.97	149	168	164	95	a8	a4	27	20	21	14	3.47	BG	6.17	1.62	

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2	5414	32.63	36.39	44.98	152	178	176	98	b2	b0	30	20	20	10	6.71	BG	6.51	2.09	
3	5414	33.58	37.19	43.99	157	179	174	9d	b3	ae	28	20	21	9	3.51	BG	6.58	1.78	
1	5450	39.06	42.2	69.6	151	188	213	97	bc	d5	40	26	16	0	0.44	PB	6.94	4.98	
3	5450	36.43	39.25	66.02	146	182	209	92	b6	d1	42	28	18	0	0.74	PB	6.73	5.11	
3	5466	41.84	48.43	82.62	134	203	228	86	cb	e4	47	20	10	0	6.85	B	7.36	6.21	
2	5488	42.28	44.67	72.79	162	191	217	a2	bf	d9	36	25	15	0	1.89	PB	7.11	4.77	
3	5488	40.19	42.44	67.09	161	187	209	a1	bb	d1	36	26	17	0	1.68	PB	6.96	4.29	
1	5526	45.86	48.69	64.3	180	197	204	b4	c5	cc	29	22	19	0	6.84	B	7.37	2.09	

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2	5526	47.15	49.77	65.2	183	198	205	b7	c6	cd	28	22	19	0	7.39	B	7.44	1.94	
3	5526	46.24	48.62	64.13	182	196	204	b6	c4	cc	28	23	19	0	8.52	B	7.37	1.99	
2	5550	63.98	67.16	86.52	209	223	230	d1	df	e6	17	12	9	0	7.66	B	8.44	1.89	
3	5550	61.39	64.4	82.7	206	219	226	ce	db	e2	19	14	11	0	7.49	B	8.29	1.79	
2	5622	60.71	64.02	71.01	212	218	210	d4	da	d2	16	14	17	0	0.72	G	8.27	0.77	
3	5622	57.14	61.26	66.93	205	216	205	cd	d8	cd	19	15	19	0	1.92	G	8.12	1.13	
2	5630	64.59	66.49	74.11	221	220	214	dd	dc	d6	13	13	15	0	1.76	GY	8.4	0.4	
3	5630	63.42	65.46	72.93	219	219	213	db	db	d5	14	14	16	0	4.24	GY	8.35	0.43	

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
2	6008	6.28	6.51	8.43	84	87	91	54	57	5b	22	21	19	44	8.25	B	2.99	0.59	
2	6044	3.35	3.5	5.24	62	68	75	3e	44	4b	25	22	19	50	0.18	PB	2.14	1.25	
3	6076	7.12	7.27	10.13	87	91	98	57	5b	62	24	22	19	41	3.53	PB	3.16	1	
1	6081	6.21	6.53	7.45	85	88	86	55	58	56	21	19	20	45	3	G	2.99	0.44	
2	6081	6.9	7.22	8.64	88	91	91	58	5b	5b	21	19	20	44	4.56	BG	3.15	0.41	
3	6081	7.54	7.84	9.48	91	94	95	5b	5e	5f	21	20	19	42	8.24	BG	3.28	0.35	
1	6099	7.29	7.67	10.35	86	94	98	56	5e	62	24	21	19	41	7.12	B	3.24	0.98	

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3	6099	8.97	9.33	12.5	95	101	106	5f	65	6a	24	22	19	38	9.35	B	3.56	0.95	
3	6118	10.92	11.23	15.33	103	108	115	67	6c	73	24	22	19	34	2.31	PB	3.88	1.13	
2	6120	6.49	6.22	5.41	96	83	74	60	53	4a	19	25	28	42	7.21	YR	2.92	1.42	
2	6122	10.79	10.89	12.33	109	106	105	6d	6a	69	19	21	21	37	6.07	YR	3.83	0.25	
2	6132	12.12	12.47	15.2	111	113	114	6f	71	72	21	20	19	35	6.47	B	4.07	0.3	
2	6134	12.78	13.25	14.42	116	116	111	74	74	6f	19	20	21	34	2.53	GY	4.18	0.43	
2	6152	13.53	14.13	17.52	114	119	121	72	77	79	22	20	19	32	2.72	B	4.31	0.61	
3	6152	14.05	14.64	18.28	116	121	123	74	79	7b	22	20	19	31	4.53	B	4.38	0.63	

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1	6160	15.13	15.12	8.13	138	119	82	8a	77	52	19	27	41	25	2.84	Y	4.44	3.55	
1	6165	13.85	14.59	12.44	123	120	103	7b	78	67	19	21	28	31	9.01	Y	4.37	1.53	
2	6173	17.92	18.4	24.38	127	132	139	7f	84	8b	24	22	19	25	2.63	PB	4.84	1.14	
3	6173	17.79	18.31	24.13	127	132	138	7f	84	8a	24	22	19	25	1.94	PB	4.83	1.1	
2	6176	16.14	16.76	23.88	118	128	138	76	80	8a	27	24	19	25	1.62	PB	4.65	1.83	
3	6176	16.19	16.83	23.58	119	128	137	77	80	89	27	23	19	26	1.19	PB	4.66	1.68	
1	6187	15.97	16.92	26	112	129	143	70	81	8f	32	25	20	23	0.32	PB	4.67	2.65	
2	6187	16.69	17.57	21.76	123	130	132	7b	82	84	23	20	19	28	0.79	B	4.75	0.76	

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2	6231	21.02	21.81	26.67	137	141	143	89	8d	8f	22	20	20	23	3.24	B	5.22	0.51
3	6231	20.36	21.06	25.76	136	139	141	88	8b	8d	22	20	20	24	4.6	B	5.14	0.47
2	6250	22.15	23.3	27.32	140	146	144	8c	92	90	22	20	20	22	0.85	BG	5.37	0.59
1	6251	21.92	22.65	26.54	142	143	142	8e	8f	8e	20	20	20	23	7.67	G	5.31	0.24
2	6251	23.42	24.08	28.27	146	147	146	92	93	92	20	20	20	22	6.4	G	5.45	0.15
3	6251	22.15	22.98	26.62	142	144	143	8e	90	8f	20	20	20	23	3.55	G	5.34	0.31
2	6270	24	24.86	30.69	145	149	151	91	95	97	22	20	20	20	5.96	B	5.53	0.61
3	6270	23.33	24.14	30.09	143	147	150	8f	93	96	22	21	20	21	7.74	B	5.46	0.69

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2	6280	25.39	26.38	30.11	150	152	150	96	98	96	20	20	21	20	0.37	G	5.67	0.36	
3	6280	25.1	26.06	30.16	149	152	150	95	98	96	20	20	20	20	3.6	G	5.64	0.33	
2	6293	26.81	27.69	33.22	153	155	156	99	9b	9c	21	20	20	18	0.28	B	5.79	0.33	
3	6293	26.23	27.01	32.5	152	154	155	98	9a	9b	21	20	20	19	3.33	B	5.73	0.3	
3	6300	29.82	30.59	39.7	157	162	168	9d	a2	a8	24	22	20	13	3.01	PB	6.05	1.24	
2	6306	27.6	27.78	27.38	164	154	143	a4	9a	8f	20	24	28	15	0.22	Y	5.8	1.17	
3	6306	29.9	30.07	29.58	169	158	147	a9	9e	93	20	24	28	13	9.98	YR	6	1.22	
1	6307	27.53	28.78	30.12	157	158	149	9d	9e	95	20	20	23	18	3.37	GY	5.89	0.76	

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2	6307	27.19	28.38	29.42	157	157	147	9d	9d	93	20	20	23	18	2.17	GY	5.85	0.79	
3	6307	28.38	29.63	31.21	159	160	151	9f	a0	97	20	20	23	17	3.38	GY	5.96	0.72	
1	6314	27.78	29.16	32.94	155	159	155	9b	9f	9b	21	20	21	17	1.63	G	5.92	0.55	
2	6314	27.65	29.01	33.44	154	159	156	9a	9f	9c	21	20	21	17	5.52	G	5.91	0.54	
3	6314	27.87	29.26	33.17	154	161	155	9a	a1	9b	22	20	22	16	2.84	G	5.96	0.79	
3	6320	28.76	29.85	40.12	152	161	169	98	a1	a9	26	23	20	13	1.22	PB	5.98	1.72	
2	6329	29.39	31.59	38.98	152	166	167	98	a6	a7	25	20	20	14	8.42	BG	6.13	1.28	
1	6350	22.75	23.56	19.32	153	145	122	99	91	7a	20	23	32	20	5.24	Y	5.4	1.93	

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1	6357	33.37	34.7	32.1	175	170	151	af	aa	97	20	21	29	11	7.13	Y	6.38	1.44	
2	6357	32.77	34.04	33.48	172	168	155	ac	a8	9b	20	21	26	12	8.35	Y	6.33	1.08	
3	6357	33.22	34.5	34.18	172	169	156	ac	a9	9c	20	21	26	12	8.51	Y	6.37	1.05	
1	6360	36.33	37.6	33.98	182	175	155	b6	af	9b	20	22	30	8	5.51	Y	6.61	1.62	
2	6360	36.14	37.49	34.29	181	175	155	b5	af	9b	20	22	30	9	6.26	Y	6.6	1.55	
2	6373	36.05	37.24	44.67	172	175	176	ac	af	b0	21	20	20	11	0.62	B	6.58	0.37	
3	6373	37.12	38.36	46.05	174	177	178	ae	b1	b2	21	20	20	10	0.8	B	6.66	0.38	
3	6375	34.97	36.08	46.98	166	173	180	a6	ad	b4	25	22	20	9	1.71	PB	6.49	1.43	

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1	6376	32.46	33.94	35.11	169	169	158	a9	a9	9e	20	20	24	13	2.81	GY	6.32	0.84	
2	6400	52.41	54.15	47.17	212	202	176	d4	ca	b0	16	20	31	0	4.44	Y	7.71	2.04	
1	6405	45.38	46.74	41.86	200	190	168	c8	be	a8	20	23	32	1	4.18	Y	7.25	1.81	
2	6405	42.91	44.19	40.07	195	186	165	c3	ba	a5	20	23	31	3	4.3	Y	7.08	1.7	
3	6405	44.71	46.15	41.72	198	190	168	c6	be	a8	20	23	31	2	4.71	Y	7.21	1.73	
2	6408	46.01	47.8	48.46	195	193	180	c3	c1	b4	20	20	26	3	9.55	Y	7.32	0.99	
3	6415	42.02	42.43	35.18	198	182	156	c6	b6	9c	20	26	36	2	1.43	Y	6.96	2.43	
2	6424	45.8	46.36	47.46	199	189	178	c7	bd	b2	20	23	27	2	0.27	Y	7.22	1.08	

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3	6424	44.07	44.56	45.42	196	186	175	c4	ba	af	20	23	28	3	0.13	Y	7.1	1.11	
1	6440	42.16	43.58	46.64	188	186	178	bc	ba	b2	20	20	23	6	0.27	GY	7.04	0.64	
2	6440	40.81	42.11	45.99	185	183	177	b9	b7	b1	20	20	23	7	0.86	GY	6.93	0.51	
3	6440	39.81	41.07	45.26	182	181	176	b6	b5	b0	20	20	22	8	1.65	GY	6.86	0.45	
3	6463	38.25	39.52	46.31	177	179	178	b1	b3	b2	20	20	20	9	7.98	G	6.75	0.27	
1	6473	36.31	38.35	44.88	170	178	176	aa	b2	b0	23	20	20	10	1.22	BG	6.66	0.74	
3	6473	38.06	40.11	47.15	173	181	179	ad	b5	b3	23	20	20	8	2.5	BG	6.79	0.71	
1	6492	47.73	49.24	53.79	197	195	188	c5	c3	bc	20	20	23	2	0.83	GY	7.41	0.52	

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2	6492	48.25	49.75	55.22	197	196	190	c5	c4	be	20	20	22	2	2.37	GY	7.44	0.42
3	6492	46.6	47.68	55.24	194	192	191	c2	c0	bf	20	20	21	4	1.47	GY	7.31	0.31
2	6493	47.21	48.56	56.62	193	194	193	c1	c2	c1	20	20	20	3	1.84	G	7.37	0.18
3	6495	56.68	58.54	69.51	207	209	210	cf	d1	d2	19	17	17	0	6.64	BG	7.97	0.34
2	6496	41.81	43.67	45.28	187	187	175	bb	bb	af	20	20	24	6	2.87	GY	7.04	0.88
1	6515	51.03	52.71	61.08	199	201	199	c7	c9	c7	20	20	20	1	1.97	G	7.63	0.27
2	6521	49	49.3	47.45	207	193	178	cf	c1	b2	18	24	30	0	9.52	YR	7.41	1.57
3	6521	51.11	51.59	49.41	210	197	180	d2	c5	b4	17	22	29	0	0.17	Y	7.56	1.62

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1	6555	50.29	51.91	43.44	210	198	169	d2	c6	a9	17	22	33	0	4.16	Y	7.58	2.32	
2	6555	52.02	53.73	45.2	213	201	172	d5	c9	ac	16	21	32	0	4.24	Y	7.69	2.3	
3	6555	50.58	52	42.54	212	198	168	d4	c6	a8	16	22	34	0	3.55	Y	7.58	2.52	
2	6559	50.56	52.54	52.21	204	200	185	cc	c8	b9	20	21	27	0	8.71	Y	7.61	1.13	
3	6559	48.13	49.95	48.73	201	196	179	c9	c4	b3	20	21	28	1	7.54	Y	7.45	1.24	
2	6586	53.26	55.09	48.83	213	204	178	d5	cc	b2	16	20	30	0	4.76	Y	7.77	1.92	
3	6586	53.44	55.36	51.54	211	204	183	d3	cc	b7	17	19	28	0	5.76	Y	7.78	1.58	
2	6595	51.33	53.56	54.88	203	202	189	cb	ca	bd	20	20	25	0	1.98	GY	7.68	0.96	

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3	6595	51.76	53.59	55.51	205	202	190	cd	ca	be	19	20	25	0	9	Y	7.68	0.86	
2	6622	53.66	55.22	58.43	208	204	194	d0	cc	c2	18	20	23	0	6.54	Y	7.78	0.74	
3	6622	56.64	58.14	62.12	212	208	199	d4	d0	c7	16	18	21	0	5.29	Y	7.95	0.69	
3	6628	61.44	63.46	71.82	216	216	212	d8	d8	d4	15	15	16	0	6.65	GY	8.24	0.36	
3	6642	64.74	64.92	60.32	233	215	195	e9	d7	c3	8	15	23	0	8.91	YR	8.32	2.07	

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FS	595b	X	Y	Z	R	G	B	Rx	Gx	Bx	C	M	Y	K	M-H1	M-H2	M-Val	M-Chr	Digital Chip
3	7030	3.54	3.6	4.25	69	68	69	45	44	45	19	20	20	52	1.02	R	2.18	0.03	
3	7031	3.3	3.36	4.09	67	66	68	43	42	44	20	20	19	53	5.33	PB	2.09	0.14	
1	7038	0.34	0.35	0.44	44	41	38	2c	29	26	19	21	22	62	4.16	Y	7.58	2.32	
2	7038	1.19	1.22	1.69	43	45	48	2b	2d	30	22	21	19	61	1.59	PB	1.01	0.52	
3	7038	3.23	3.29	3.97	66	66	67	42	42	43	20	20	19	53	5.5	PB	2.06	0.1	
2	7040	1.63	1.66	2.19	49	50	53	31	32	35	21	21	19	59	3.45	PB	1.3	0.4	
1	7043	18.57	19.14	7.26	151	132	73	97	84	49	20	27	50	20	4.88	Y	4.93	5.04	

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2	7043	21.05	21.66	8.83	159	139	81	9f	8b	51	20	27	50	17	4.65	Y	5.2	4.99	
3	7056	5.37	5.28	5.31	86	78	74	56	4e	4a	19	23	24	46	7.16	YR	2.69	0.75	
1	7100	10.36	7.38	16.7	116	78	122	74	4e	7a	22	37	19	32	6.92	P	3.18	6.85	
3	7100	11.62	8.42	18.49	121	83	127	79	53	7f	22	37	19	30	6.95	P	3.39	6.93	
1	7142	19.16	12.68	21.9	161	89	135	a1	59	87	20	48	30	16	2.4	RP	4.1	9.3	
2	7142	19.31	12.9	20.95	162	91	133	a2	5b	85	20	48	31	16	3.03	RP	4.13	9	
3	7142	19.08	13	21.9	159	93	135	9f	5d	87	20	46	29	17	2.35	RP	4.15	8.65	
2	7144	17.06	13.7	25.2	138	106	143	8a	6a	8f	21	34	20	23	7.02	P	4.25	5.93	

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3	7144	17.38	14.14	25.43	139	108	143	8b	6c	8f	21	33	20	23	7.02	P	4.31	5.67	
3	7150	60	61.02	60.51	222	211	196	de	d3	c4	13	17	23	0	1.25	Y	8.11	1.34	
1	7155	20.19	14.03	27.05	158	98	148	9e	62	94	20	43	24	17	0.01	RP	4.29	9.01	
1	7178	27.71	28.4	34.48	155	157	159	9b	9d	9f	21	20	20	17	0.01	PB	5.86	0.36	
3	7200	29.05	29.76	34.69	160	159	159	a0	9f	9f	20	20	20	17	6.77	GY	5.97	0.1	
2	7722	68.94	70.89	72.72	231	225	211	e7	e1	d3	9	11	17	0	4.78	Y	8.63	1	
3	7722	70.77	72.56	73.24	235	227	212	eb	e3	d4	7	10	16	0	3.45	Y	8.71	1.15	
2	7769	65.9	67.46	61.65	232	220	196	e8	dc	c4	8	13	23	0	2.58	Y	8.45	1.87	

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3	7769	61.66	62.87	58.4	226	214	192	e2	d6	c0	11	16	24	0	1.88	Y	8.21	1.79	
1	7773	73.15	76.7	84.35	230	234	225	e6	ea	e1	9	8	11	0	8.63	GY	8.91	0.71	
1	7778	74.71	77.2	72.9	241	233	210	f1	e9	d2	5	8	17	0	4.85	Y	8.93	1.59	
2	7778	74.35	76.76	73.53	240	233	211	f0	e9	d3	5	8	17	0	4.82	Y	8.91	1.5	
3	7778	73.56	75.72	70.2	241	231	207	f1	e7	cf	5	9	18	0	3.74	Y	8.86	1.76	
2	7780	77.78	80.04	81.38	243	236	221	f3	ec	dd	4	7	13	0	4.77	Y	9.06	1.09	
1	7855	73.73	76.16	63.64	245	231	197	f5	e7	c5	4	9	22	0	3.89	Y	8.88	2.53	
2	7855	72.43	75.11	62.74	242	230	196	f2	e6	c4	4	9	23	0	4.52	Y	8.83	2.49	

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3	7855	75.89	78.97	65.91	246	235	200	f6	eb	c8	3	7	21	0	5.04	Y	9.01	2.49	
1	7875	80.18	82.62	92.32	241	240	234	f1	f0	ea	5	5	8	0	3.31	GY	9.18	0.4	
2	7875	81.96	84.59	94.2	243	242	236	f3	f2	ec	4	4	7	0	4.17	GY	9.27	0.43	
3	7875	81.01	83.54	92.75	242	241	234	f2	f1	ea	5	5	8	0	2.98	GY	9.22	0.45	
2	7880	85.43	87.66	91.75	251	245	232	fb	f5	e8	1	3	8	0	3.98	Y	9.4	0.91	
1	7886	81.82	84.16	87.02	247	241	227	f7	f1	e3	3	5	10	0	5	Y	9.25	0.98	
2	7886	83.55	85.8	87.84	250	243	228	fa	f3	e4	2	4	10	0	3.91	Y	9.32	1.07	
3	7886	81.69	84.2	85.02	248	241	225	f8	f1	e1	2	5	11	0	5.28	Y	9.25	1.14	

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1	7925	86.84	88.87	99.16	250	247	241	fa	f7	f1	1	3	5	0	4.5	Y	9.45	0.43
2	7925	87.11	89.13	100.62	250	247	242	fa	f7	f2	1	3	4	0	5.23	Y	9.46	0.34
3	7925	88.64	90.57	103.9	251	248	246	fb	f8	f6	1	2	3	0	4.55	Y	9.52	0.22