

Colorimetric Report

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Date	Tuesday, October 29, 2019
Tester	Damian Köb
Display	ViewSonic XG270QG
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

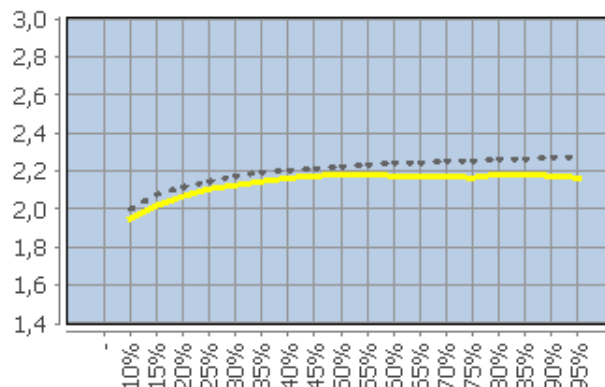
White Point (CCT)	6035 Kelvin
White Point XYZ (normalized)	94.32 100.00 99.73
DeltaE to D50/ D65	13.54/ 5.91
Assumed Target Whitepoint (2)	6000 Kelvin
DeltaE to Assumed Target Whitepoint	1.75
Brightness (3)	392.90 cd/m²
Black Point (3)	0.48 cd/m²
Contrast (x:1)	819:1
Gradation (Average)	2.14

(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	5817	0.80	1.35	1.95
	15	5924	0.50	1.21	2.02
	20	5956	0.28	1.03	2.07
	25	5996	0.19	1.01	2.10
	30	5998	0.18	0.95	2.12
	35	6044	0.04	0.85	2.14
	40	6032	0.03	0.75	2.16
	45	6025	0.13	0.81	2.17
	50	6039	0.15	0.79	2.18
	55	6060	0.54	1.00	2.18
	60	6045	0.09	1.00	2.17
	65	6048	0.28	0.98	2.17
	70	6054	0.28	0.90	2.17
	75	6045	0.31	0.92	2.16
	80	6043	0.28	0.67	2.18
	85	6036	0.30	0.58	2.18
	90	6038	0.26	0.44	2.17
	95	6027	0.12	0.25	2.16
	100 (4)	6034	-	-	-
	Average (5)	-	0.26	0.86	2.14
	Maximum (5)	-	0.8	1.35	-
	Range (5)	-	0.83	-	-

(4) Visual adaptation to display whitepoint is assumed
(5) Only luminance > 1% considered

Corresponding Gamma



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Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	1.50	0.00	1.64	2.23
	0 0 63	1.12	1.11	1.83	1.99
	0 0 127	1.07	1.02	1.61	1.69
	0 0 191	3.19	0.74	1.23	1.37
	0 0 255	3.39	0.50	0.79	0.94
	0 63 0	5.49	3.39	1.18	3.01
	0 63 63	4.81	1.20	1.26	3.06
	0 63 127	1.13	3.12	1.17	2.27
	0 63 191	1.90	2.25	1.27	1.69
	0 63 255	2.06	1.78	0.89	1.16
	0 127 0	15.27	3.64	0.81	4.11
	0 127 63	12.25	3.67	0.90	4.28
	0 127 127	9.40	1.84	0.93	4.31
	0 127 191	3.48	5.89	1.05	3.96
	0 127 255	0.86	5.32	0.96	2.71
	0 191 0	22.31	4.19	0.64	4.56
	0 191 63	18.78	5.51	0.70	4.69
	0 191 127	15.63	3.75	0.76	4.75
	0 191 191	12.71	2.32	0.84	4.82
	0 191 255	6.18	8.88	0.77	5.67
	0 255 0	27.47	5.18	0.01	4.68
	0 255 63	24.27	6.69	0.02	4.77
	0 255 127	20.30	6.96	0.08	4.99
	0 255 191	17.81	3.99	0.14	4.88
	0 255 255	15.55	3.16	0.11	5.11
	63 0 0	4.93	1.52	1.71	2.81
	63 0 63	4.63	2.02	1.19	2.34
	63 0 127	3.57	1.47	1.48	1.83
	63 0 191	4.51	0.83	1.23	1.50
	63 0 255	4.33	0.71	0.79	1.03
	63 63 0	2.64	0.83	1.06	1.57
	63 63 63	0.30	0.03	1.12	1.16
	63 63 127	1.78	0.17	1.15	1.32
	63 63 191	2.74	0.42	1.35	1.49
	63 63 255	2.71	0.43	1.00	1.11
	63 127 0	12.16	1.64	0.85	3.32
	63 127 63	8.19	2.64	0.91	3.27
	63 127 127	6.13	1.20	1.02	3.41
	63 127 191	2.27	4.04	1.14	2.90
	63 127 255	0.93	3.80	0.96	2.06
	63 191 0	19.92	2.97	0.69	4.12
	63 191 63	16.03	4.54	0.76	4.15
	63 191 127	13.00	3.51	0.79	4.31
	63 191 191	10.70	1.96	0.89	4.41
	63 191 255	4.76	7.84	0.83	5.07
	63 255 0	25.75	4.14	0.05	4.38
	63 255 63	22.25	5.80	0.09	4.40

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Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	18.32	6.46	0.10	4.66
	63 255 191	16.06	3.93	0.17	4.63
	63 255 255	14.09	2.93	0.14	4.85
	127 0 0	10.15	3.72	0.85	3.44
	127 0 63	10.06	0.24	0.79	3.17
	127 0 127	8.60	2.83	1.03	2.72
	127 0 191	7.83	3.10	1.03	2.19
	127 0 255	6.65	3.09	0.79	1.67
	127 63 0	9.46	2.58	0.85	3.35
	127 63 63	6.45	1.56	0.96	3.08
	127 63 127	6.18	2.13	1.00	2.62
	127 63 191	5.76	2.30	1.16	2.04
	127 63 255	5.00	2.23	0.88	1.49
	127 127 0	10.37	1.63	0.83	3.12
	127 127 63	3.79	0.59	0.93	1.77
	127 127 127	0.10	0.03	0.99	0.99
	127 127 191	2.06	0.21	1.04	1.30
	127 127 255	1.86	0.34	0.96	1.07
	127 191 0	15.88	0.39	0.73	3.43
	127 191 63	11.29	2.09	0.73	3.02
	127 191 127	7.18	2.63	0.82	3.06
	127 191 191	5.89	1.05	0.87	3.23
	127 191 255	1.73	4.88	0.85	3.29
	127 255 0	22.12	1.86	0.08	3.80
	127 255 63	18.17	3.65	0.10	3.61
	127 255 127	13.49	5.00	0.15	3.77
	127 255 191	11.37	3.65	0.20	3.90
	127 255 255	10.30	2.30	0.18	4.14
	191 0 0	18.08	0.95	0.47	3.83
	191 0 63	14.03	2.62	0.62	3.68
	191 0 127	13.51	1.23	0.67	3.29
	191 0 191	12.29	3.79	0.76	2.95
	191 0 255	10.37	5.08	0.58	2.52
	191 63 0	17.07	0.88	0.77	4.00
	191 63 63	11.80	2.97	0.78	3.69
	191 63 127	11.30	0.73	0.88	3.30
	191 63 191	10.31	3.37	0.96	2.93
	191 63 255	8.68	4.56	0.76	2.44
	191 127 0	14.80	2.54	0.75	3.99
	191 127 63	7.76	3.37	0.82	3.25
	191 127 127	6.15	1.63	0.89	3.15
	191 127 191	6.06	1.99	0.97	2.61
	191 127 255	4.93	3.01	0.89	2.04
	191 191 0	15.37	2.33	0.68	3.64
	191 191 63	9.08	1.29	0.71	2.55
	191 191 127	2.88	0.37	0.77	1.40
	191 191 191	0.27	0.09	0.88	0.92

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Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	0.70	0.11	0.81	0.86
	191 255 0	18.92	1.07	0.11	3.44
	191 255 63	14.25	0.52	0.12	2.81
	191 255 127	8.25	2.33	0.16	2.35
	191 255 191	5.27	2.63	0.23	2.51
	191 255 255	5.00	1.29	0.19	2.77
	255 0 0	25.06	2.54	0.06	4.50
	255 0 63	17.38	3.88	0.04	3.78
	255 0 127	16.73	1.86	0.18	3.58
	255 0 191	16.35	1.86	0.21	3.20
	255 0 255	14.48	5.03	0.13	2.98
	255 63 0	23.91	1.84	0.18	4.49
	255 63 63	15.78	3.73	0.22	3.70
	255 63 127	14.90	2.14	0.30	3.56
	255 63 191	14.56	1.59	0.44	3.15
	255 63 255	12.90	4.67	0.30	2.90
	255 127 0	20.57	0.72	0.35	4.26
	255 127 63	12.88	3.44	0.43	3.51
	255 127 127	10.40	3.23	0.49	3.56
	255 127 191	10.62	0.46	0.59	3.06
	255 127 255	9.30	3.70	0.51	2.73
	255 191 0	18.37	2.31	0.44	4.01
	255 191 63	11.48	2.72	0.44	3.09
	255 191 127	5.22	3.16	0.53	2.64
	255 191 191	4.77	1.74	0.58	2.65
	255 191 255	4.38	2.07	0.57	2.10
	255 255 0	19.09	2.67	0.05	3.72
	255 255 63	13.24	1.76	0.02	2.81
	255 255 127	5.76	0.66	0.02	1.55
	255 255 191	1.32	0.05	0.07	0.54
	255 255 255 (1)	-	-	-	-
	Average (2)	10.07	2.54	0.69	3.07
	Maximum (2)	27.47	8.88	1.83	5.67

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint
(2) Without Black

Color Space	Gamut Volume CIELAB D50
sRGB	100%

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Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	20
Brightness	144.5
Contrast	70
RGB Gain	
Gradation	2.2
Other	