

Table AP-3. Measured CIE xyY values of all colour swatches of the blue colour group under illuminant D1, Tun, D2, and Lily. The two target colours B9 and B16 are highlighted.

Label	NCS notation	D1			Tun			D2			Lily		
		x	y	Y	x	y	Y	x	y	Y	x	y	Y
1	S1040 B	0.284	0.342	35.27	0.457	0.439	58.46	0.336	0.388	24.63	0.370	0.331	15.60
2	S1040 G	0.323	0.423	41.57	0.461	0.475	71.75	0.368	0.454	29.51	0.404	0.395	18.90
3	S1040 B30G	0.284	0.368	39.14	0.446	0.457	62.23	0.335	0.411	26.39	0.366	0.352	16.98
4	S1030 B40G	0.308	0.376	46.24	0.469	0.450	75.99	0.359	0.415	31.66	0.396	0.358	20.72
5	S1040 B70G	0.294	0.395	40.03	0.442	0.473	66.56	0.341	0.434	28.29	0.369	0.374	17.69
6	S1040 B90G	0.311	0.409	42.74	0.459	0.467	72.39	0.358	0.442	30.54	0.395	0.384	19.21
7	S1050 G20Y	0.351	0.458	40.77	0.478	0.475	68.48	0.392	0.475	28.45	0.439	0.417	17.91
8	S1040 G10Y	0.339	0.434	42.76	0.470	0.473	75.44	0.382	0.460	30.63	0.418	0.403	19.84
9	S1040 B40G	0.284	0.375	37.96	0.442	0.462	61.97	0.332	0.417	26.51	0.362	0.358	16.99
10	S1030 B	0.308	0.353	42.11	0.477	0.436	72.78	0.360	0.394	29.89	0.398	0.339	19.74
11	S1050 G	0.307	0.438	37.92	0.449	0.481	62.53	0.353	0.465	26.54	0.390	0.406	17.08
12	S1050 B	0.257	0.330	29.51	0.431	0.443	45.88	0.309	0.379	20.27	0.338	0.320	13.35
13	S1040 R90B	0.293	0.330	35.63	0.470	0.429	59.29	0.348	0.377	25.05	0.382	0.323	16.64
14	S1040 B20G	0.286	0.361	40.26	0.453	0.450	63.03	0.337	0.404	27.25	0.370	0.347	17.41
15	S1050 R90B	0.263	0.310	29.55	0.444	0.428	47.30	0.316	0.361	20.60	0.346	0.306	13.56
16	S1040 B10G	0.282	0.355	36.89	0.448	0.450	60.72	0.332	0.399	26.16	0.363	0.341	16.73

Table AP-3 - continued. Measured CIE xyY values of all colour swatches of the red colour group under illuminant D1, Tun, D2, and Lily. The two target colours R8 and R10 are highlighted.

Label	NCS notation	D1			Tun			D2			Lily		
		x	y	Y	x	y	Y	x	y	Y	x	y	Y
1	S1030 Y60R	0.454	0.391	47.61	0.568	0.404	102.43	0.493	0.407	34.54	0.543	0.360	26.59
2	S1030 Y90R	0.439	0.371	44.06	0.568	0.398	90.98	0.484	0.393	32.16	0.532	0.347	25.01
3	S1030 R10B	0.422	0.359	44.63	0.565	0.394	93.15	0.472	0.384	32.55	0.520	0.339	25.47
4	S1030 R50B	0.365	0.338	46.00	0.534	0.403	86.39	0.422	0.375	32.52	0.466	0.327	23.95
5	S1030 R70B	0.328	0.335	40.87	0.503	0.417	62.93	0.383	0.376	22.74	0.424	0.324	20.11
6	S1040Y60R	0.475	0.389	41.26	0.581	0.395	100.15	0.513	0.402	32.28	0.559	0.357	27.53
7	S1040 Y80R	0.475	0.374	40.08	0.585	0.389	87.07	0.514	0.390	29.44	0.561	0.347	23.76
8	S1040 R	0.456	0.358	38.16	0.586	0.382	83.37	0.502	0.378	28.51	0.551	0.337	23.22
9	S1040 R20B	0.434	0.343	38.55	0.580	0.380	85.49	0.486	0.369	28.18	0.534	0.329	23.35
10	S1040 R40B	0.390	0.328	39.78	0.556	0.387	81.53	0.447	0.363	28.69	0.494	0.320	22.73
11	S1040 R60B	0.337	0.315	37.29	0.520	0.400	70.34	0.396	0.358	26.17	0.439	0.310	20.00
12	S1040 R80B	0.301	0.324	37.19	0.482	0.420	63.12	0.357	0.370	26.11	0.394	0.316	17.85
13	S1040 R90B	0.294	0.331	35.85	0.470	0.430	61.58	0.348	0.377	25.02	0.381	0.322	17.25
14	S1050 Y70R	0.506	0.382	36.73	0.597	0.384	85.59	0.535	0.392	27.70	0.582	0.351	22.95
15	S1050 R	0.484	0.355	31.70	0.600	0.373	72.50	0.526	0.372	23.90	0.570	0.335	20.37
16	S1050 R30B	0.433	0.319	31.49	0.589	0.367	68.18	0.489	0.349	23.51	0.534	0.314	19.73

Table AP-3 - continued. Measured CIE xyY values of all colour swatches of the yellow colour group under illuminant D1, Tun, D2, and Lily. The two target colours Y8 and Y10 are highlighted.

Label	NCS notation	D1			Tun			D2			Lily		
		x	y	Y	x	y	Y	x	y	Y	x	y	Y
1	S1030 G50Y	0.393	0.428	55.21	0.517	0.443	106.20	0.435	0.446	39.13	0.486	0.390	26.86
2	S1030 G70Y	0.407	0.434	58.21	0.526	0.440	113.17	0.447	0.448	40.72	0.502	0.391	29.27
3	S1030 Y	0.429	0.426	56.60	0.539	0.431	116.27	0.466	0.439	40.99	0.520	0.385	30.12
4	S1030 Y20R	0.446	0.415	56.07	0.552	0.421	119.57	0.482	0.428	41.41	0.534	0.376	31.56
5	S1030 Y40R	0.454	0.402	52.79	0.562	0.411	112.53	0.492	0.416	38.27	0.543	0.367	28.82
6	S1040 G20Y	0.355	0.442	44.19	0.478	0.474	80.78	0.396	0.465	30.83	0.436	0.408	20.34
7	S1040 G40Y	0.389	0.446	46.89	0.507	0.456	89.74	0.428	0.461	33.58	0.478	0.404	23.39
8	S1040 G60Y	0.409	0.450	51.76	0.520	0.449	101.00	0.446	0.461	36.59	0.499	0.404	26.64
9	S1040 G80Y	0.426	0.447	57.90	0.533	0.438	114.37	0.462	0.454	41.15	0.518	0.398	28.94
10	S1040 Y	0.443	0.437	58.61	0.544	0.432	122.70	0.477	0.445	42.29	0.532	0.391	31.07
11	S1040 Y20R	0.465	0.423	53.76	0.559	0.420	115.60	0.496	0.432	39.31	0.549	0.380	30.07
12	S1040 Y30R	0.475	0.414	49.65	0.568	0.411	110.73	0.506	0.423	37.18	0.558	0.373	29.42
13	S1040 Y50R	0.482	0.399	46.39	0.578	0.401	103.73	0.515	0.409	33.82	0.566	0.362	26.30
14	S1050 G30Y	0.370	0.467	42.29	0.479	0.481	77.33	0.406	0.483	29.71	0.449	0.427	19.24
15	S1050 G90Y	0.447	0.457	54.39	0.539	0.440	111.87	0.476	0.460	39.55	0.532	0.405	28.33
16	S1050 Y	0.459	0.447	55.69	0.549	0.431	119.07	0.488	0.451	40.81	0.544	0.396	30.81