

out	hab,out	LAB*a,out/c-ref	ΔE*	Start output S1				
3	1.0	23	0.0	0.0	0.0	0.0	0.0	Specification according to
8	3.3	30	-0.2	-0.2	-0.6	0.8	0.9	ISO/IEC 15775 Annex G
1	5.5	24	-0.2	2.1	-1.5	2.6	2.7	and DIN 33866-1 Annex G
0	8.6	28	-0.1	2.2	-1.4	2.6	2.7	relative CIELAB data used for "out"

1	12.2	30	-0.3	3.5	-0.8	3.6	3.6	$\Delta L^* =$	48.58 - 27.92
2	15.1	31	-0.9	3.7	-1.0	3.9	4.0	Regularity	
1	18.8	32	-0.9	4.8	-0.3	4.8	4.9	$q^* =$	62.2

3	21.2	32	-1.0	4.1	-0.9	4.3	4.4	
9	23.4	32	-0.8	3.9	-1.8	4.3	4.4	Lightness gamut relative to offset
7	27.1	34	-1.0	3.9	-1.1	4.0	4.2	$f^* = 26.7$

1 29.7 34 -1.2 3.4 -1.5 3.8 4.0
3 32.7 35 -1.9 2.3 -1.5 2.8 3.4 **Black - Orange red**
5 36.3 36 -1.6 2.1 -1.0 2.4 3.0 **rgb: N - O**

	40.4	36	-0.9	2.7	0.0	2.7	2.9	
42.7	36	-0.8	2.0	-0.6	2.1	2.3	Mean CIELAB difference (17 steps)	
45.4	37	-1.0	0.6	-1.0	1.2	1.7	$\Delta H^*_{CIELAB} = 2.7$	

7	49.5	38	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{\text{CIELAB}} =$	2.9
3	1.0	23	0.0	0.0	0.0	0.0	0.0		
1	12.2	30	-0.3	3.5	-0.8	3.6	3.6		

9	23.4	32	-0.8	3.9	-1.8	4.3	4.4	Mean CIELAB difference (5 steps)
5	36.3	36	-1.6	2.1	-1.0	2.4	3.0	$\Delta H^*_{\text{CIELAB}} = 2.1$
7	49.5	38	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{\text{CIELAB}} = 2.2$

Mean colour reproduction index: $R^*_{ab,m} = 87$

YE320-3N.: Device: XcmvNP D50 L: Measurement: L27G00NP.PDF: Date: 20070202

T	i	LAB*a,ref		hab,ref		LAB*a,out		hab,out		LAB*a,out/c-ref ΔH* ΔE*				Start output S1	
N	1	28.0	2.1	0.8	21	28.0	2.1	0.8	21	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	29.2	5.7	3.6	32	28.9	5.1	3.0	30	-0.2	-0.5	-0.5	0.9	0.9	ISO/IEC 15775 Annex G
	3	30.3	9.3	6.5	35	30.0	11.0	4.8	24	-0.2	1.7	-1.6	2.4	2.4	and DIN 33866-1 Annex G
	4	31.5	12.9	9.3	36	31.3	14.6	7.8	28	-0.1	1.7	-1.4	2.2	2.3	relative CIELAB data used for "out"

5	32.7	16.5	12.1	36	32.2	19.3	11.1	30	-0.4	2.8	-0.9	3.0	3.0	$\Delta L^* = 46.67 - 27.99$
6	33.8	20.1	15.0	37	32.8	23.1	13.8	31	-0.9	3.0	-1.1	3.2	3.4	Regularity
7	35.0	23.7	17.8	37	33.9	27.8	17.2	32	-1.0	4.1	-0.5	4.1	4.2	$q^* = 59.4$

8	36.2	27.3	20.6	37	35.0	30.8	19.3	32	-1.1	3.5	-1.2	3.7	3.9	
9	37.3	31.0	23.4	37	36.4	34.3	21.4	32	-0.8	3.3	-1.9	3.9	4.0	Lightness gamut relative to offset
10	38.5	34.6	26.3	37	37.3	37.8	24.9	33	-1.1	3.2	-1.3	3.5	3.7	$f^* = 24.1$

11	39.7	38.2	29.1	37	38.3	41.1	27.3	34	-1.3	2.9	-1.7	3.5	3.7	
12	40.8	41.8	31.9	37	38.8	43.7	30.1	35	-1.9	1.9	-1.7	2.7	3.3	Black - Orange red
13	42.0	45.4	34.8	37	40.2	47.2	33.6	35	-1.7	1.8	-1.1	2.2	2.8	cmv0: N - O

14	43.2	49.0	37.6	38	42.1	51.4	37.4	36	-1.0	2.4	-0.1	2.4	2.7	Mean CIELAB difference (17 steps) $\Delta H^*_{CIELAB} = 2.4$
15	44.3	52.6	40.4	38	43.4	54.5	39.6	36	-0.9	1.9	-0.7	2.1	2.3	
16	45.5	56.2	43.3	38	44.4	56.9	42.2	37	-1.0	0.7	-1.0	1.3	1.7	

O 17	46.7	59.8	46.1	38	46.7	59.8	46.1	38	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{\text{CIE LAB}} =$	2.6
N 18	28.0	2.1	0.8	21	28.0	2.1	0.8	21	0.0	0.0	0.0	0.0	0.0		
19	32.7	16.5	12.1	36	32.2	19.3	11.1	30	-0.4	2.8	-0.9	3.0	3.0		

20	37.3	31.0	23.4	37	36.4	34.3	21.4	32	-0.8	3.3	-1.9	3.9	4.0	Mean CIELAB difference (5 steps)
21	42.0	45.4	34.8	37	40.2	47.2	33.6	35	-1.7	1.8	-1.1	2.2	2.8	$\Delta H^*_{CIELAB} = 1.8$
22	46.7	59.8	46.1	38	46.7	59.8	46.1	38	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 2.0$

Mean colour reproduction index: $R^*_{ab,m} = 89$

YE321-3N.: Device: Xcmv0NP D65 L: Measurement: L27G00NP.PDF: Date: 20070202

Start output of the file: www.ps.bam.de/YG27/10L/L27G00NP.PDF

Device: XcmyNP_D50_L
Measurement: L27G00NP.PDF
Date: 20070202

Black - Orange red
rgb: N - O

w*output

w*input

N 0,00 0,25 0,50 0,75 O 1,00

YE320-7N.; Device: XcmyNP_D50_L; Measurement: L27G00NP.PDF; Date: 20070202

BAM-test chart YE32; Relative colour reproduction, 1 device
Measurement; 17 step colour scales; rgb, D65, D50, Page 8/24

Start output of the file: www.ps.bam.de/YG27/10L/L27G00NP.PDF

Device: Xcmy0NP_D65_L
Measurement: L27G00NP.PDF
Date: 20070202

Black - Orange red
cmy0: N - O

w*input

w*output

N 0,00 0,25 0,50 0,75 O 1,00

YE321-7N, ; Device: Xcmy0NP_D65 L; Measurement: L27G00NP.PDF; Date: 20070202

input: *rgb(->olv*)setrgbcolor*
output: no change compared to input

See for similar files: <http://www.ps.bam.de/YE32/>; www.ps.bam.de/YE.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM registration: 20070401-YE32/10/L32E07NA.PS.TXT BAM material: code=rha4ta
application for output of monitor, data projector, or printer systems

BAM material: code=rh4ta