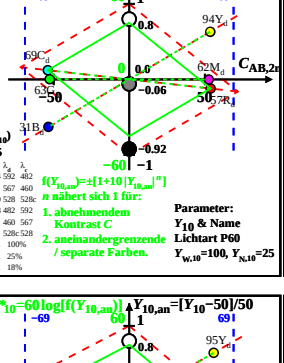
$XYZ_{W,10}$=97.09 , 99.99 , 104.01 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 0{,}800$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P60, $Y_{W,10}$=100, $Y_{N,10}$=25



$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

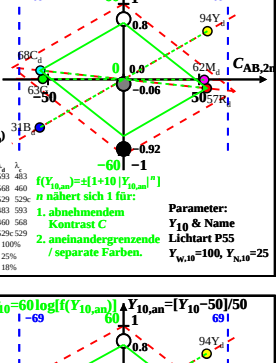
Parameter:
Y_{10} & Name
Lichtart P60
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	563,775	71.98	56.5	26.1	0.4656	0.3654	592	482
Y_A	487,775	84.02	94.09	30.97	0.4018	0.45	567	460
G_A	487,563	36.41	62.68	30.97	0.2799	0.4819	528	528c
C_A	380,563	49.5	68.62	104.04	0.2228	0.3088	482	592
B_A	380,487	37.46	31.03	99.18	0.2234	0.185	460	567
M_A	563,487	85.07	62.43	99.18	0.3448	0.253	528c	528
W_A	380,775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_A	380,775	24.27	24.99	26.0	0.3224	0.3321	25%	
Z_A	380,775	17.47	17.99	18.72	0.3224	0.3321	18%	

BGQ31–1A

$XYZ_{W,10}$=97.65 , 100.0 , 95.55 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 0{,}900$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P55, $Y_{W,10}$=100, $Y_{N,10}$=25



$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

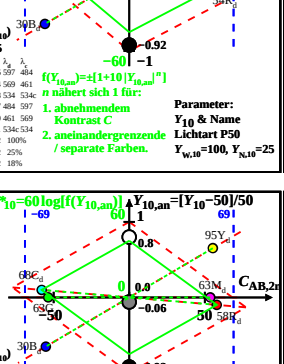
Parameter:
Y_{10} & Name
Lichtart P55
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	564,775	73.13	56.68	23.98	0.4755	0.3685	593	483
Y_A	488,775	85.73	94.42	28.62	0.4106	0.4522	568	460
G_A	488,564	37.1	62.84	28.62	0.2885	0.4887	529	529c
C_A	380,564	49.05	68.44	95.57	0.2302	0.3212	483	593
B_A	380,488	36.45	30.69	90.93	0.2306	0.1941	460	568
M_A	564,488	85.08	62.28	90.93	0.357	0.2613	529c	529
W_A	380,775	97.65	100.0	95.55	0.333	0.341	100%	
N_A	380,775	24.41	25.0	23.88	0.333	0.341	25%	
Z_A	380,775	17.57	18.0	17.19	0.333	0.341	18%	

BGQ31–2A

$XYZ_{W,10}$=98.51 , 99.99 , 86.17 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 1{,}000$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P50, $Y_{W,10}$=100, $Y_{N,10}$=25



$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

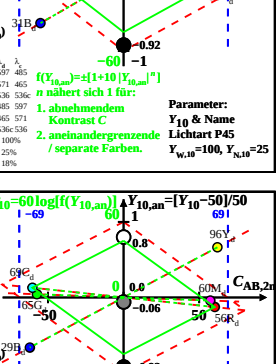
Parameter:
Y_{10} & Name
Lichtart P50
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	565,775	72.1	53.8	21.62	0.4887	0.3646	597	484
Y_A	489,775	87.84	94.66	25.8	0.4216	0.4544	569	461
G_A	489,565	40.46	65.96	25.8	0.3059	0.4988	534	534c
C_A	380,565	51.15	71.32	86.19	0.2451	0.3417	484	597
B_A	380,489	35.42	30.45	82.01	0.2395	0.2059	461	569
M_A	565,489	82.8	59.15	82.01	0.3696	0.2641	534c	534
W_A	380,775	98.51	99.99	86.17	0.346	0.3512	100%	
N_A	380,775	24.62	24.99	21.54	0.346	0.3512	25%	
Z_A	380,775	17.73	17.99	15.51	0.346	0.3512	18%	

BGQ31–3A

$XYZ_{W,10}$=99.8 , 100.0 , 75.8 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 1{,}100$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P45, $Y_{W,10}$=100, $Y_{N,10}$=25



$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y_{10} & Name
Lichtart P45
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	567,775	75.67	56.13	19.02	0.5016	0.3721	597	485
Y_A	490,775	90.46	94.12	21.66	0.4386	0.4563	571	465
G_A	490,567	39.83	63.09	21.66	0.3197	0.5063	536	536c
C_A	380,567	49.2	68.98	75.82	0.2536	0.3555	485	597
B_A	380,490	34.41	30.99	73.19	0.2482	0.2236	465	571
M_A	567,490	85.03	62.03	73.19	0.386	0.2816	536c	536
W_A	380,775	99.8	100.0	75.8	0.3621	0.3628	100%	
N_A	380,775	24.95	25.0	18.95	0.3621	0.3628	25%	
Z_A	380,775	17.96	18.0	13.64	0.3621	0.3628	18%	

BGQ31–4A

$XYZ_{W,10}$=101.75 , 100.0 , 64.44 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 1{,}300$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P40, $Y_{W,10}$=100, $Y_{N,10}$=25

$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y_{10} & Name
Lichtart P40
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	569,775	79.02	57.61	16.17	0.5171	0.3769	597	487
Y_A	492,775	93.93	95.1	18.98	0.4515	0.4571	572	465
G_A	492,569	40.44	62.59	18.98	0.3314	0.5129	535	535c
C_A	380,569	48.28	67.51	64.46	0.2678	0.3745	487	597
B_A	380,492	33.38	30.02	61.65	0.2669	0.24	465	572
M_A	569,492	86.87	62.53	61.65	0.4115	0.2962	535c	535
W_A	380,775	101.75	100.0	64.44	0.3822	0.3756	100%	
N_A	380,775	25.43	25.0	16.11	0.3822	0.3756	25%	
Z_A	380,775	18.31	18.0	11.6	0.3822	0.3756	18%	

BGQ31–5A

$XYZ_{W,10}$=104.71 , 99.99 , 52.16 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 1{,}800$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P35, $Y_{W,10}$=100, $Y_{N,10}$=25

$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

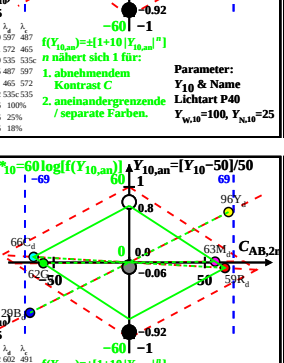
Parameter:
Y_{10} & Name
Lichtart P35
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	571,775	80.52	56.18	13.09	0.5376	0.3749	601	489
Y_A	494,775	98.5	95.7	15.56	0.4695	0.4562	574	466
G_A	494,571	44.25	64.63	15.56	0.3556	0.5193	540	540c
C_A	380,571	50.49	68.96	52.17	0.2942	0.4018	489	601
B_A	380,494	32.51	29.42	49.7	0.2912	0.2635	466	574
M_A	571,494	86.76	60.48	49.7	0.4405	0.3071	540c	540
W_A	380,775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_A	380,775	26.17	24.99	13.04	0.4076	0.3892	25%	
Z_A	380,775	18.84	17.99	9.38	0.4076	0.3892	18%	

BGQ31–6A

$XYZ_{W,10}$=109.29 , 99.99 , 39.19 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 2{,}500$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P30, $Y_{W,10}$=100, $Y_{N,10}$=25



$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

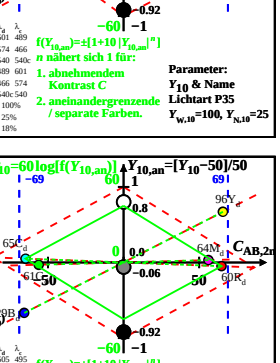
Parameter:
Y_{10} & Name
Lichtart P30
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	574,775	86.99	58.32	9.83	0.5585	0.3782	602	491
Y_A	497,775	104.7	95.87	11.46	0.4938	0.452	577	469
G_A	497,574	45.17	62.04	11.46	0.3806	0.5227	542	542c
C_A	380,574	49.75	66.19	39.2	0.3206	0.4266	491	602
B_A	380,497	32.0	29.25	37.58	0.3238	0.2959	469	577
M_A	574,497	91.57	63.07	37.58	0.4763	0.3281	542c	542
W_A	380,775	109.29	99.99	39.19	0.4398	0.4024	100%	
N_A	380,775	27.32	24.99	9.79	0.4398	0.4024	25%	
Z_A	380,775	19.67	17.99	7.05	0.4398	0.4024	18%	

BGQ31–7A

$XYZ_{W,10}$=116.54 , 99.99 , 26.13 $L^*_{10}=60\log[f(Y_{10,an})]$ $Y_{10,an}=[Y_{10}-50]/50$

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_n\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_n)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_n = 0{,}110,\ B_n = 3{,}700$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB,2,10}$, Y_{10})
Lichtart P25, $Y_{W,10}$=100, $Y_{N,10}$=25



$f(Y_{10,an})=\pm[1+10\,|Y_{10,an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y_{10} & Name
Lichtart P25
$Y_{W,10}$=100, $Y_{N,10}$=25

Name	Bereich	$X_{A,10}$	$Y_{A,10}$	$Z_{A,10}$	$x_{A,10}$	$y_{A,10}$	λ_d	λ_c
R_A	578,775	93.74	60.07	6.56	0.5845	0.3745	605	495
Y_A	500,775	113.6	96.01	7.48	0.5233	0.4421	580	473
G_A	500,578	49.13	61.04	7.48	0.4176	0.5187	547	547c
C_A	380,578	52.08	65.05	26.14	0.3634	0.454	495	605
B_A	380,500	32.19	29.11	25.21	0.372	0.3364	473	580
M_A	578,500	96.68	64.08	25.21	0.5198	0.3445	547c	547
W_A	380,775	116.5	99.99	26.13	0.4802	0.412	100%	
N_A	380,775	29.13	24.99	6.53	0.4802	0.412	25%	
Z_A	380,775	20.97	17.99	4.7	0.4802	0.412	18%	

BGQ31–8A