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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 0{,}800$

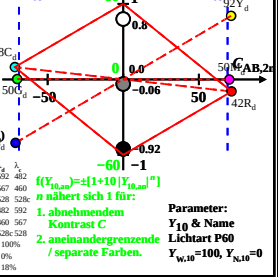
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P60, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	563,775	63.61	42.02	0.2	0.6009	0.397	592	482
Y_d	487,775	79.65	92.09	6.68	0.4464	0.5161	567	460
G_d	487,563	16.23	50.26	6.68	0.2218	0.6868	528	528c
C_d	380,563	33.67	58.17	104.01	0.1779	0.2969	482	592
B_d	380,487	17.63	8.1	97.54	0.143	0.0657	460	567
M_d	563,487	81.05	49.93	97.54	0.3546	0.2184	528c	528
W	380,775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_d	380,775	0.09	0.09	0.1	0.3223	0.3319	0%	
Z_d	380,775	17.47	17.99	18.72	0.3224	0.3321	18%	

Parameter:
Y_{10} & Name
Lichtart P60
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–1A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 0{,}900$

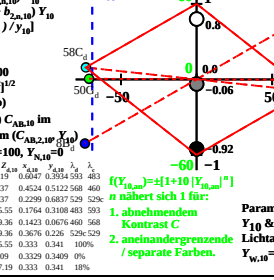
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P55, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	564,775	64.96	42.26	0.19	0.6047	0.3934	593	483
Y_d	488,775	81.74	92.54	6.37	0.4524	0.5122	568	460
G_d	488,564	16.97	50.47	6.37	0.2299	0.6837	529	529c
C_d	380,564	32.88	57.93	95.55	0.1764	0.3108	483	593
B_d	380,488	16.1	7.65	89.36	0.1423	0.0676	460	568
M_d	564,488	80.87	49.72	89.36	0.3676	0.226	529c	529
W	380,775	97.65	100.0	95.55	0.333	0.341	100%	
N_d	380,775	0.09	0.1	0.09	0.3329	0.3409	0%	
Z_d	380,775	17.57	18.0	17.19	0.333	0.341	18%	

Parameter:
Y_{10} & Name
Lichtart P55
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–2A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 1{,}000$

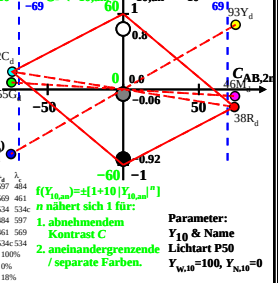
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P50, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	565,775	63.3	38.42	0.17	0.6212	0.3771	597	484
Y_d	489,775	84.26	92.86	5.73	0.4608	0.5078	569	461
G_d	489,565	21.15	54.63	5.73	0.2595	0.6701	534	534c
C_d	380,565	35.4	61.76	86.17	0.1931	0.3369	484	597
B_d	380,489	14.44	7.33	80.6	0.141	0.0716	461	569
M_d	565,489	77.55	45.56	80.6	0.3806	0.2236	534c	534
W	380,775	98.51	99.99	86.17	0.346	0.3512	100%	
N_d	380,775	0.09	0.09	0.08	0.3459	0.3511	0%	
Z_d	380,775	17.73	17.99	15.51	0.346	0.3512	18%	

Parameter:
Y_{10} & Name
Lichtart P50
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–3A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 1{,}100$

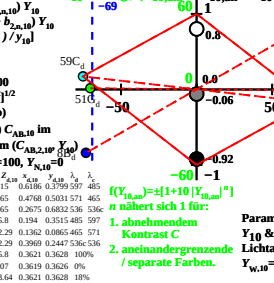
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P45, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	567,775	67.63	41.54	0.15	0.6186	0.3799	597	485
Y_d	490,775	87.33	92.14	3.65	0.4768	0.5031	571	465
G_d	490,567	19.89	50.8	3.65	0.2675	0.6832	536	536c
C_d	380,567	32.37	58.65	75.8	0.194	0.3515	485	597
B_d	380,490	12.67	8.05	72.29	0.1362	0.0865	465	571
M_d	567,490	80.1	49.39	72.29	0.3969	0.2447	536c	536
W	380,775	99.8	100.0	75.8	0.3621	0.3628	100%	
N_d	380,775	0.09	0.1	0.07	0.3619	0.3626	0%	
Z_d	380,775	17.96	18.0	13.64	0.3621	0.3628	18%	

Parameter:
Y_{10} & Name
Lichtart P45
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–4A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 1{,}300$

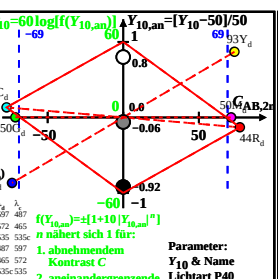
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P40, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	569,775	71.44	43.5	0.12	0.6208	0.378	597	487
Y_d	492,775	91.3	93.44	3.86	0.484	0.4954	572	465
G_d	492,569	20.05	50.14	3.86	0.2708	0.677	535	535c
C_d	380,569	30.5	56.69	64.44	0.2011	0.3738	487	597
B_d	380,492	10.65	6.75	60.71	0.1363	0.0864	465	572
M_d	569,492	81.89	50.05	60.71	0.425	0.2598	535c	535
W	380,775	101.75	100.0	64.44	0.3822	0.3756	100%	
N_d	380,775	0.1	0.1	0.06	0.382	0.3755	0%	
Z_d	380,775	18.31	18.0	11.6	0.3822	0.3756	18%	

Parameter:
Y_{10} & Name
Lichtart P40
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–5A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 1{,}800$

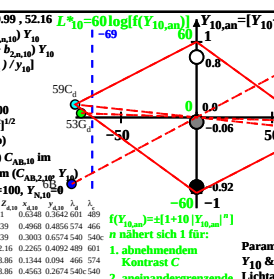
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P35, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	571,775	72.46	41.57	0.1	0.6348	0.3642	601	489
Y_d	494,775	96.4	94.24	3.39	0.4968	0.4856	574	466
G_d	494,571	24.15	52.86	3.39	0.3003	0.6574	540	540c
C_d	380,571	32.45	58.62	52.16	0.2265	0.4092	489	601
B_d	380,494	8.51	5.95	48.86	0.1344	0.094	466	574
M_d	571,494	80.77	47.33	48.86	0.4563	0.2674	540c	540
W	380,775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_d	380,775	0.1	0.09	0.05	0.4074	0.3891	0%	
Z_d	380,775	18.84	17.99	9.38	0.4076	0.3892	18%	

Parameter:
Y_{10} & Name
Lichtart P35
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–6A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 2{,}500$

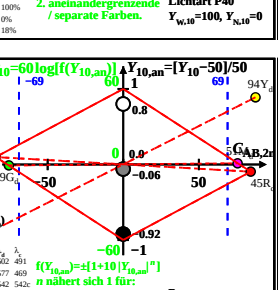
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P30, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	574,775	79.56	45.25	0.07	0.637	0.3623	602	491
Y_d	497,775	103.19	94.46	2.24	0.5162	0.4725	577	469
G_d	497,574	23.85	49.41	2.24	0.3159	0.6543	542	542c
C_d	380,574	29.95	54.94	39.19	0.2413	0.4427	491	602
B_d	380,497	6.31	5.73	37.03	0.1286	0.1168	469	577
M_d	574,497	85.65	50.78	37.03	0.4937	0.2927	542c	542
W	380,775	109.29	99.99	39.19	0.4398	0.4024	100%	
N_d	380,775	0.1	0.09	0.03	0.4396	0.4022	0%	
Z_d	380,775	19.67	17.99	7.05	0.4398	0.4024	18%	

Parameter:
Y_{10} & Name
Lichtart P30
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–7A

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

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_2 = 3{,}700$

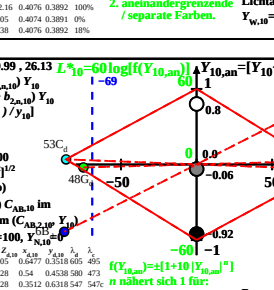
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (n) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB2,10r}$, Y_{10})

Lichtart P25, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	λ_d	λ_c
R_d	578,775	86.13	46.78	0.05	0.6477	0.3518	605	495
Y_d	500,775	112.6	94.65	1.28	0.54	0.4538	580	473
G_d	500,578	26.72	48.07	1.28	0.3512	0.6318	547	547c
C_d	380,578	30.64	53.41	26.13	0.278	0.4847	495	605
B_d	380,500	4.15	5.54	24.9	0.1199	0.1602	473	580
M_d	578,500	90.05	52.12	24.9	0.5389	0.3119	547c	547
W	380,775	116.5	99.99	26.13	0.4802	0.412	100%	
N_d	380,775	0.11	0.09	0.02	0.48	0.4118	0%	
Z_d	380,775	20.97	17.99	4.7	0.4802	0.412	18%	

Parameter:
Y_{10} & Name
Lichtart P25
$Y_{W,10}$=100, $Y_{N,10}$=0

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

BGQ01–8A