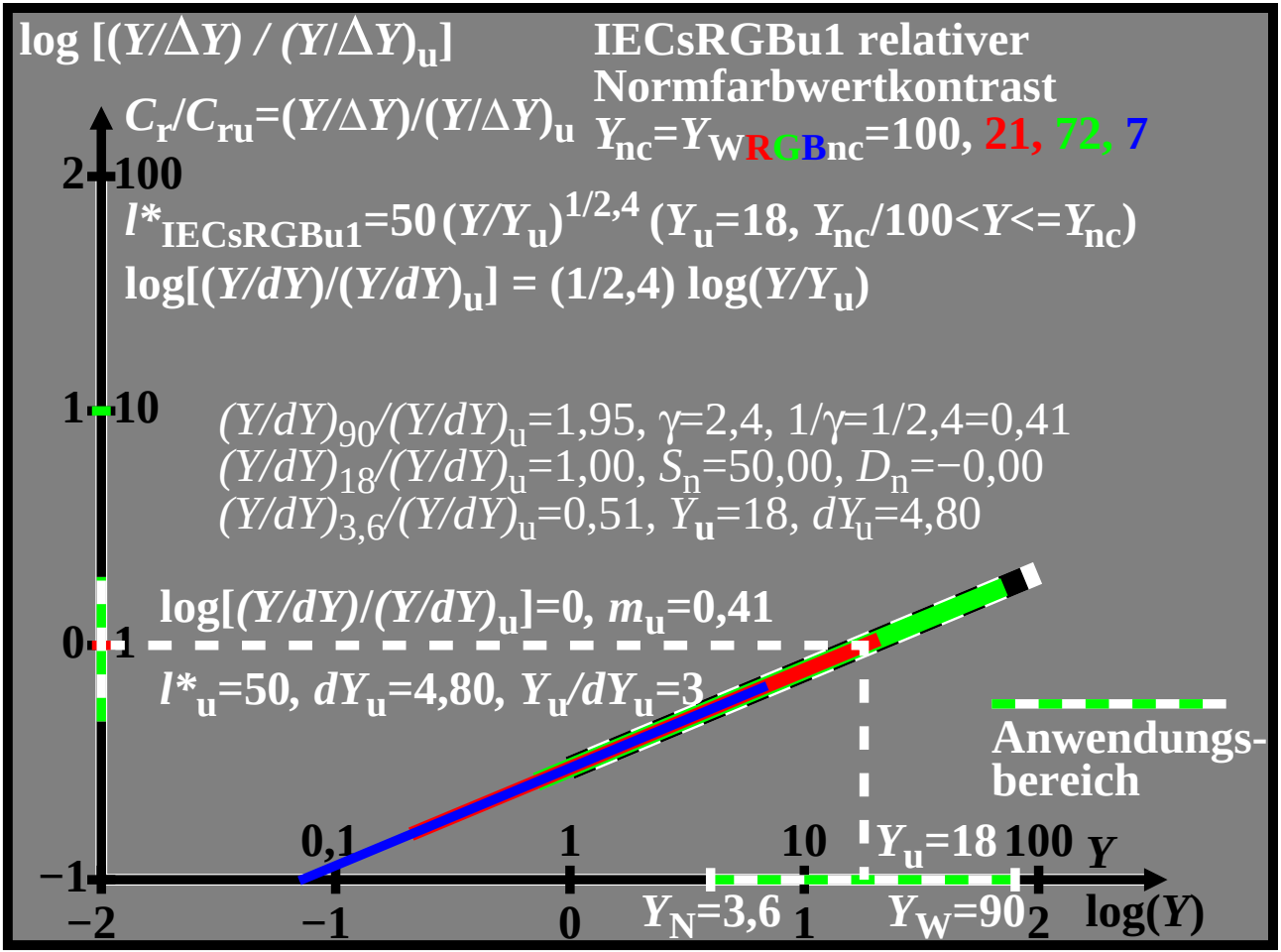
log [(Y/ΔY) / (Y/ΔY)u]
IECsRGBu1 relativer Normfarbwertkontrast
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
Ync=YWRGBnc=100, 21, 72, 7
2 100
l*IECsRGBu1=50 (Y/Yu)1/2,4 (Yu=18, Ync/100<Y<=Ync)
log[(Y/dY)/(Y/dY)u] = (1/2,4) log(Y/Yu)
1 10
(Y/dY)90/(Y/dY)u=1,95, γ=2,4, 1/γ=1/2,4=0,41
(Y/dY)18/(Y/dY)u=1,00, Sn=50,00, Dn=−0,00
(Y/dY)3,6/(Y/dY)u=0,51, Yu=18, dYu=4,80
log[(Y/dY)/(Y/dY)u]=0, mu=0,41
0 1
l*u=50, dYu=4,80, Yu/dYu=3
Anwendungs-bereich
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BGV10−8A