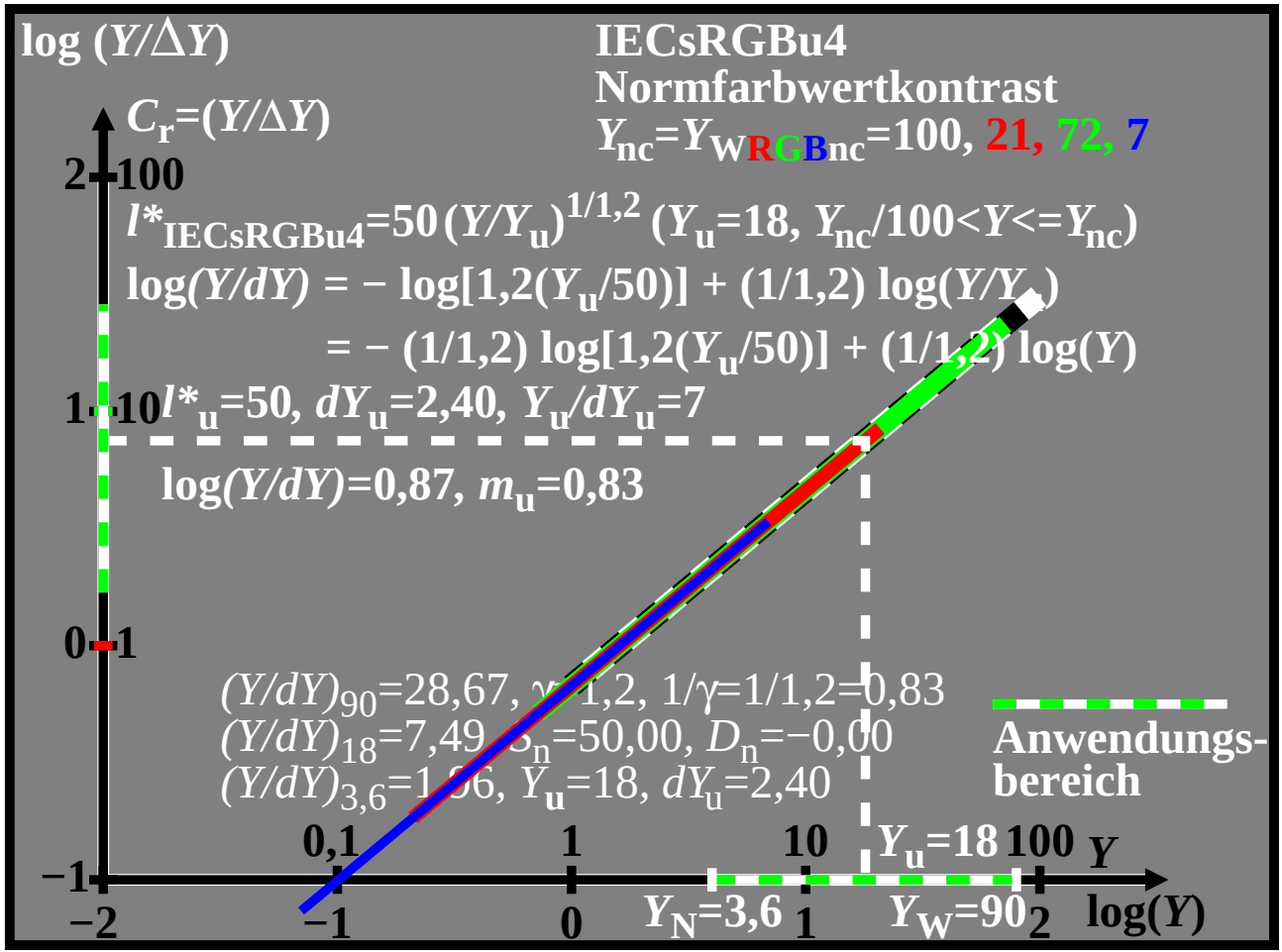
log (Y/ΔY)
IECsRGBu4
Normfarbwertkontrast
Y_nc=Y_WRGBnc=100, 21, 72, 7
C_r=(Y/ΔY)
2 100
l*_IECsRGBu4=50 (Y/Y_u)^1/1,2 (Y_u=18, Y_nc/100<Y<=Y_nc)
log(Y/dY) = − log[1,2(Y_u/50)] + (1/1,2) log(Y/Y_u)
= − (1/1,2) log[1,2(Y_u/50)] + (1/1,2) log(Y)
1 10 l*_u=50, dY_u=2,40, Y_u/dY_u=7
log(Y/dY)=0,87, m_u=0,83
0 1
(Y/dY)_90=28,67, γ=1,2, 1/γ=1/1,2=0,83
(Y/dY)_18=7,49, S_n=50,00, D_n=−0,00
(Y/dY)_3,6=1,96, Y_u=18, dY_u=2,40
Anwendungs-
bereich
0,1 1 10 Y_u=18 100 Y
−1
−2 −1 0 Y_N=3,6 1 Y_W=90 2 log(Y)

BGV40−7A