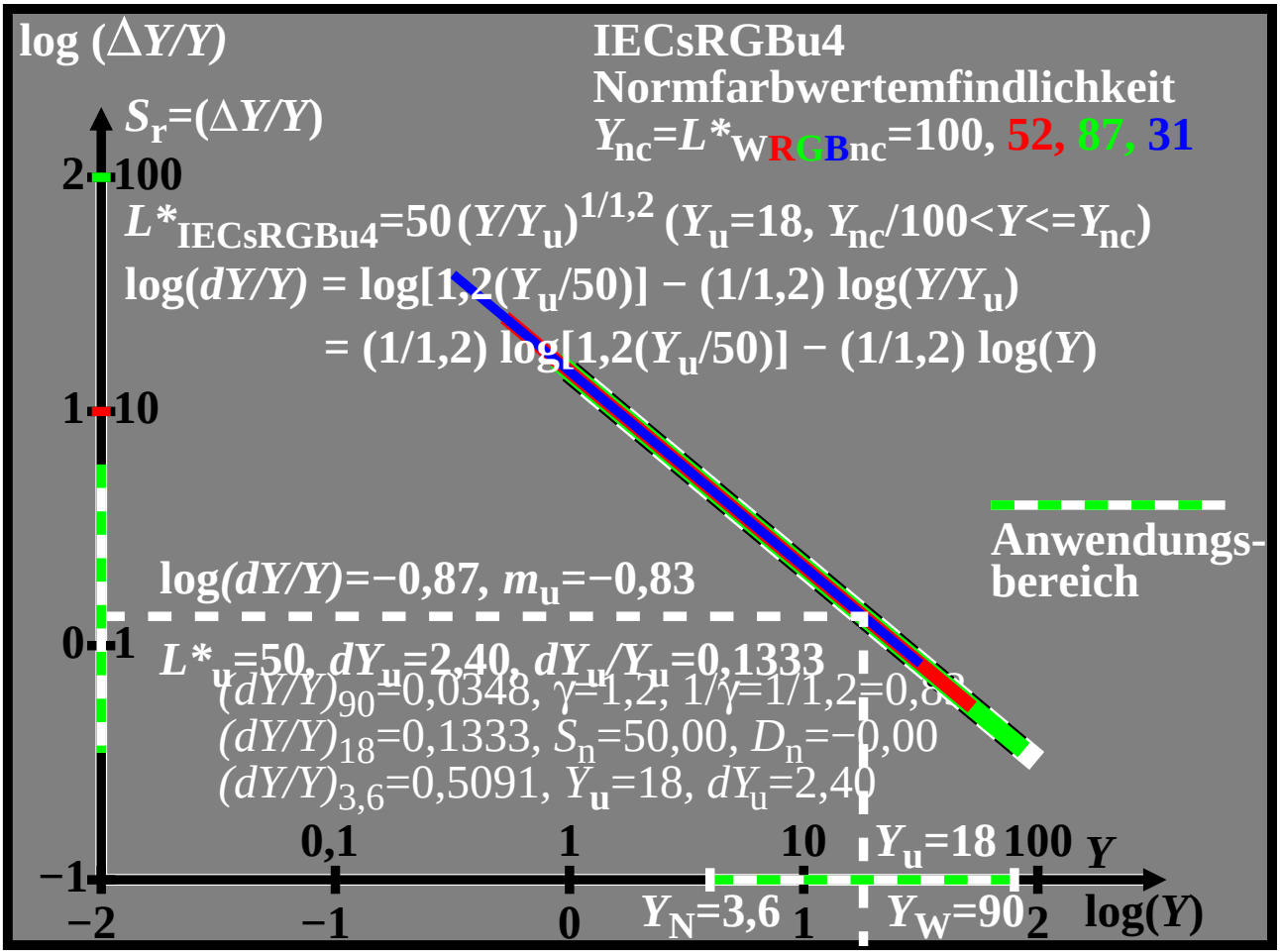
log (ΔY/Y)
IECsRGBu4
Normfarbwertemfindlichkeit
Y_nc=L*_WRGBnc=100, 52, 87, 31
S_r=(ΔY/Y)
2 100
L*_IECsRGBu4=50 (Y/Y_u)^1/1,2 (Y_u=18, Y_nc/100<Y<=Y_nc)
log(dY/Y) = log[1,2(Y_u/50)] − (1/1,2) log(Y/Y_u)
= (1/1,2) log[1,2(Y_u/50)] − (1/1,2) log(Y)
1 10
Anwendungs-
bereich
log(dY/Y)=−0,87, m_u=−0,83
0 1
L*_u=50, dY_u=2,40, dY_u/Y_u=0,1333
(dY/Y)_90=0,0348, γ=1,2, 1/γ=1/1,2=0,8
(dY/Y)_18=0,1333, S_n=50,00, D_n=−0,00
(dY/Y)_3,6=0,5091, Y_u=18, dY_u=2,40
0,1 1 10 Y_u=18 100 Y
−1
−2 −1 0 Y_N=3,6 1 Y_W=90 2 log(Y)