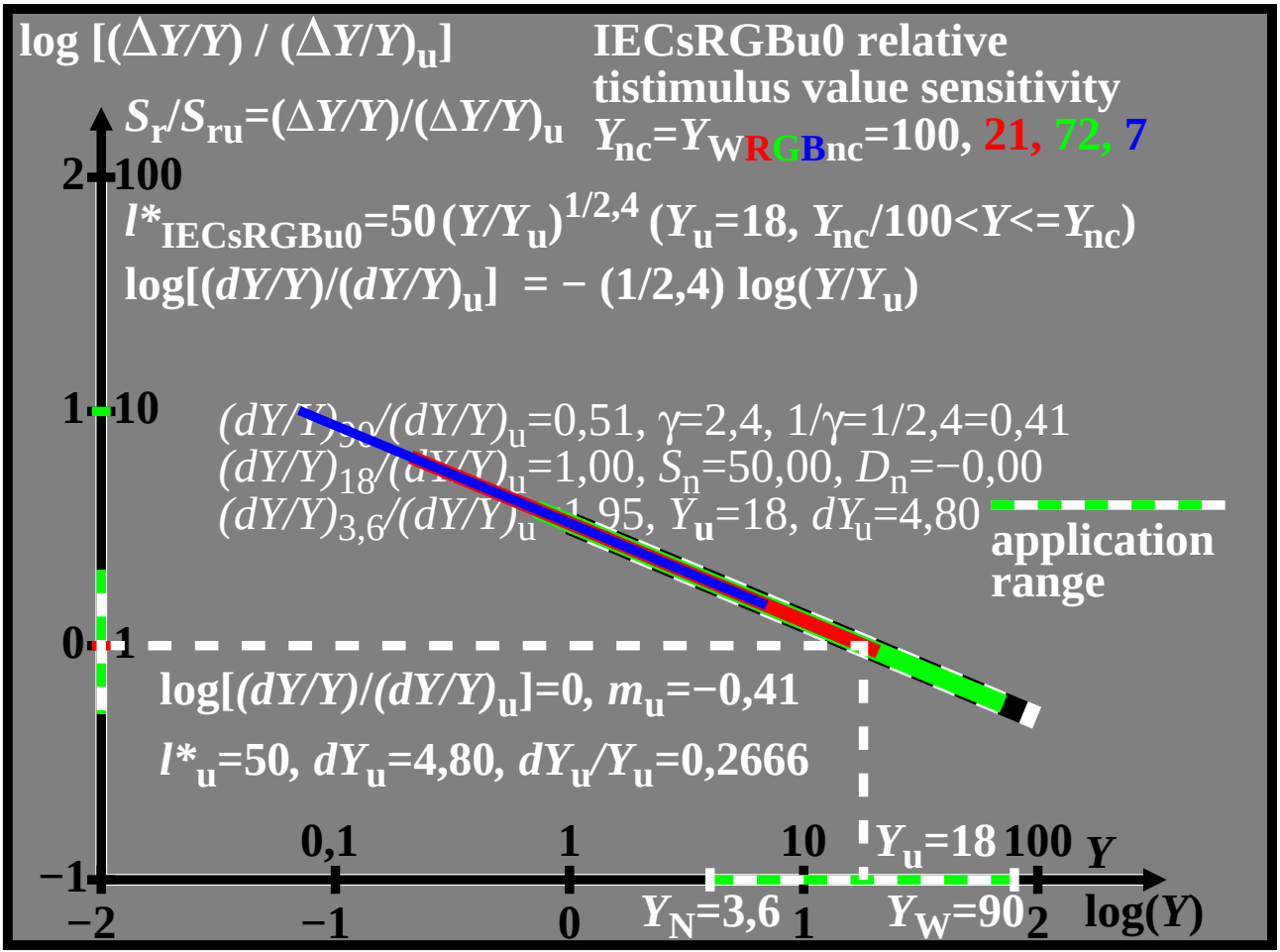
log [(ΔY/Y) / (ΔY/Y)u]
IECsRGBu0 relative tistimulus value sensitivity
Ync=YWRGBnc=100, 21, 72, 7
Sr/Sru=(ΔY/Y)/(ΔY/Y)u
2
100
l*IECsRGBu0=50 (Y/Yu)1/2,4 (Yu=18, Ync/100<Y<=Ync)
log[(dY/Y)/(dY/Y)u] = − (1/2,4) log(Y/Yu)
1
10
(dY/Y)90/(dY/Y)u=0,51, γ=2,4, 1/γ=1/2,4=0,41
(dY/Y)18/(dY/Y)u=1,00, Sn=50,00, Dn=−0,00
(dY/Y)3,6/(dY/Y)u=1,95, Yu=18, dYu=4,80
application range
0
1
log[(dY/Y)/(dY/Y)u]=0, mu=−0,41
l*u=50, dYu=4,80, dYu/Yu=0,2666
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BEV00−6A