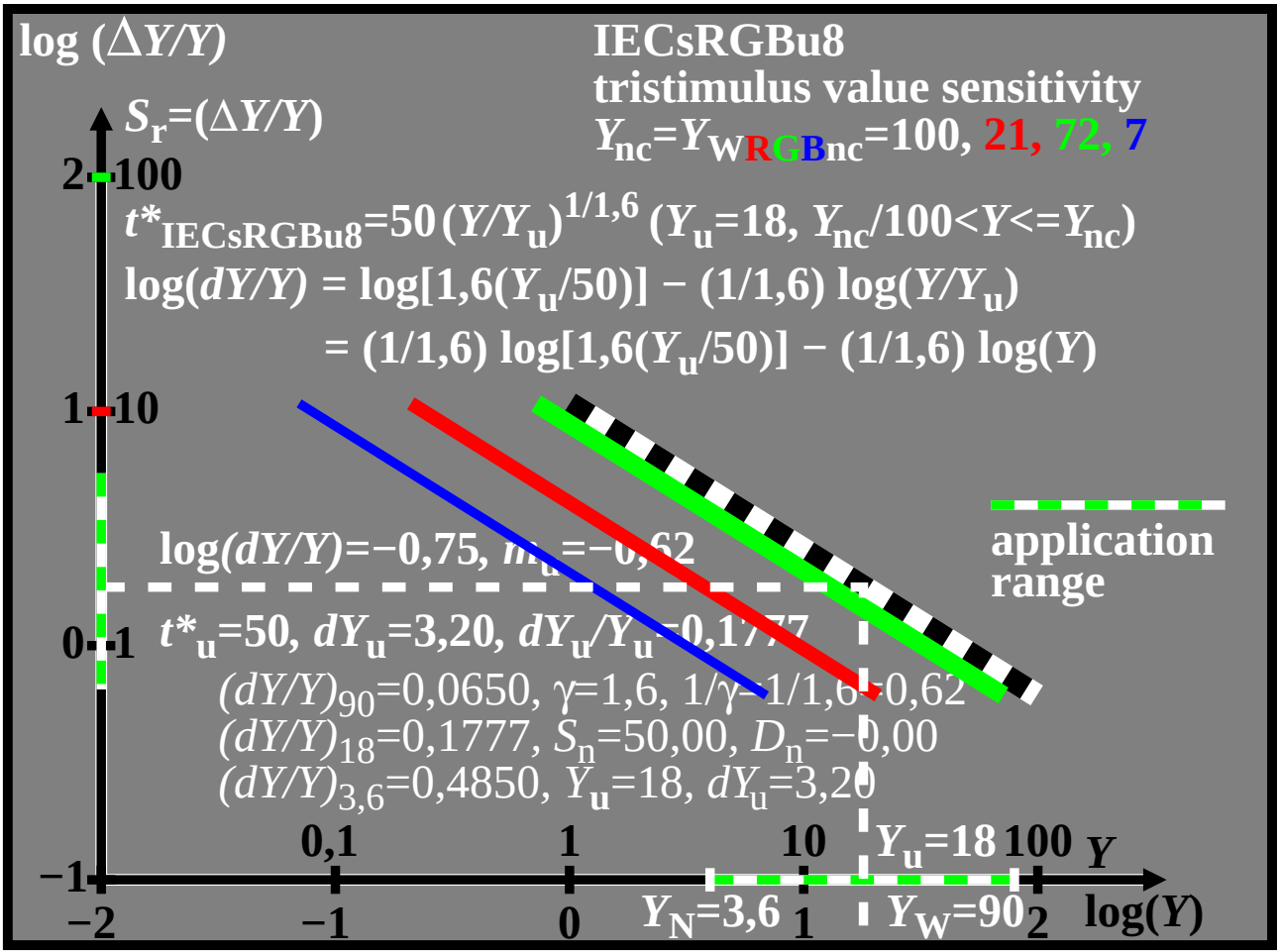
log (ΔY/Y)
IECsRGBu8
tristimulus value sensitivity
Ync=YWRGBnc=100, 21, 72, 7
Sr=(ΔY/Y)
2 100
t*IECsRGBu8=50 (Y/Yu)1/1,6 (Yu=18, Ync/100<Y<=Ync)
log(dY/Y) = log[1,6(Yu/50)] − (1/1,6) log(Y/Yu)
= (1/1,6) log[1,6(Yu/50)] − (1/1,6) log(Y)
1 10
log(dY/Y)=−0,75, mu=−0,62
application range
0 1
t*u=50, dYu=3,20, dYu/Yu=0,1777
(dY/Y)90=0,0650, γ=1,6, 1/γ=1/1,6=0,62
(dY/Y)18=0,1777, Sn=50,00, Dn=−0,00
(dY/Y)3,6=0,4850, Yu=18, dYu=3,20
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)