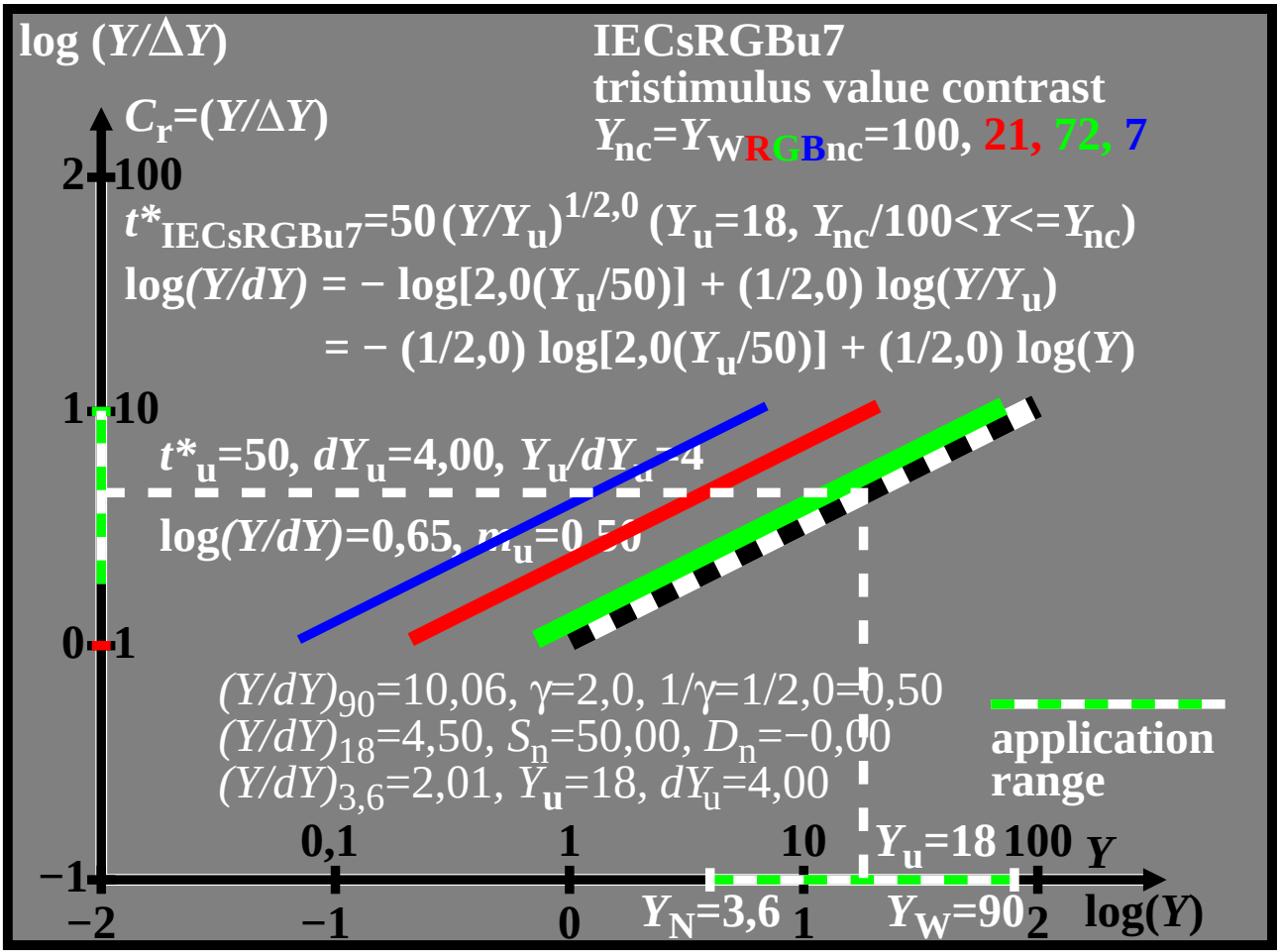
log (Y/ΔY)
IECsRGBu7
tristimulus value contrast
Ync=YWRGBnc=100, 21, 72, 7
Cr=(Y/ΔY)
2 100
t*IECsRGBu7=50 (Y/Yu)1/2,0 (Yu=18, Ync/100<Y<=Ync)
log(Y/dY) = − log[2,0(Yu/50)] + (1/2,0) log(Y/Yu)
= − (1/2,0) log[2,0(Yu/50)] + (1/2,0) log(Y)
1 10
t*u=50, dYu=4,00, Yu/dYu=4
log(Y/dY)=0,65, mu=0,50
0 1
(Y/dY)90=10,06, γ=2,0, 1/γ=1/2,0=0,50
(Y/dY)18=4,50, Sn=50,00, Dn=−0,00
(Y/dY)3,6=2,01, Yu=18, dYu=4,00
application range
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)