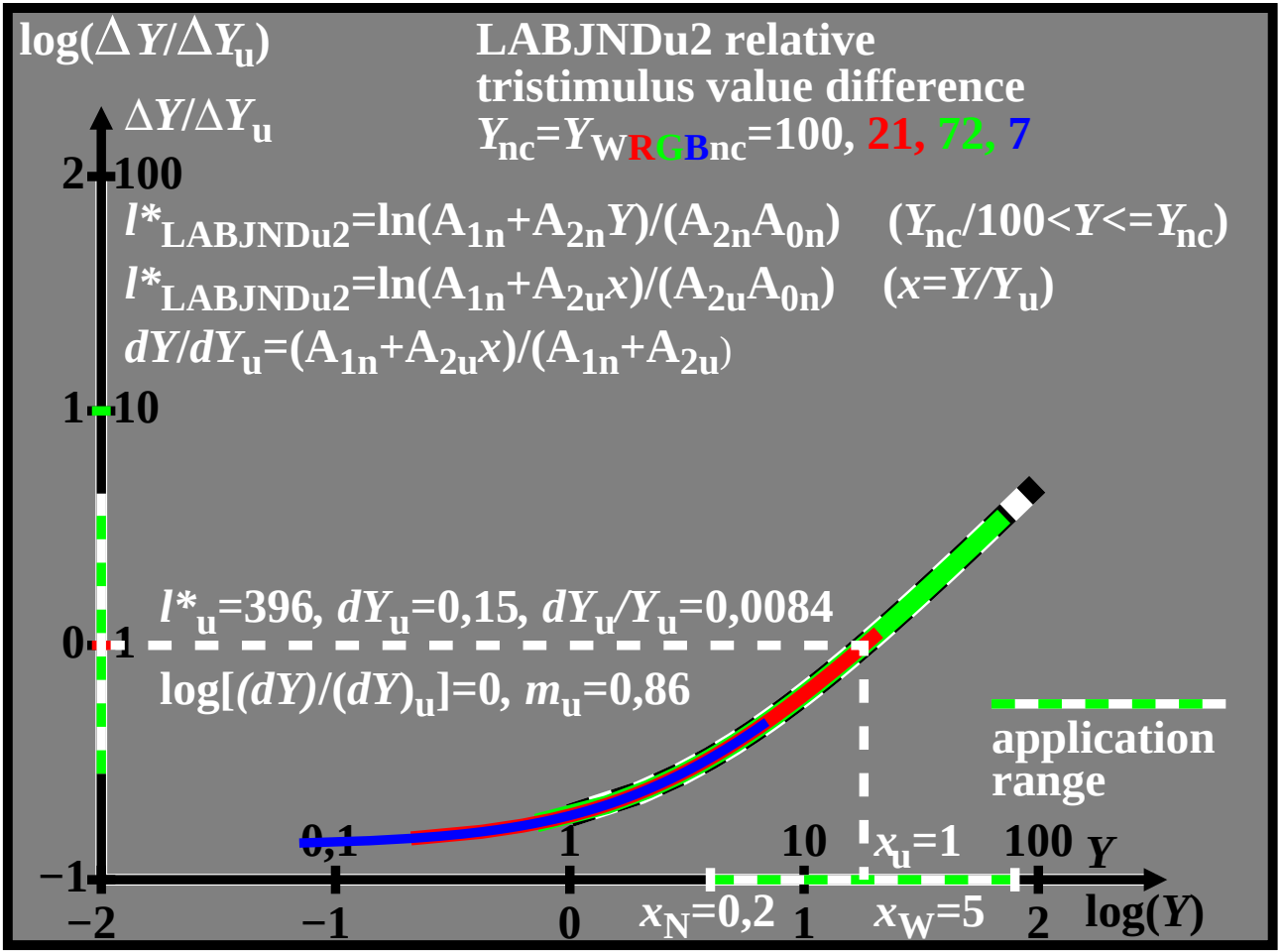
log(ΔY/ΔYu)
LABJNDu2 relative
tristimulus value difference
Ync=YWRGBnc=100, 21, 72, 7
ΔY/ΔYu
2 100
l*LABJNDu2=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu2=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
dY/dYu=(A1n+A2ux)/(A1n+A2u)
1 10
l*u=396, dYu=0,15, dYu/Yu=0,0084
0 1
log[(dY)/(dY)u]=0, mu=0,86
application
range
0,1
1
10
xu=1
100
Y
−1
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)