

$\log(\Delta Y/\Delta Y_u)$

IECsRGBu0 relative
tristimulus value difference

$Y_{nc}=Y_{W\text{RGB}nc}=100, 21, 72, 7$

$l^*_{IECsRGBu0}=50 (Y/Y_u)^{1/2,4} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY/dY_u) = [1-(1/2,4)] \log(Y/Y_u)$

2
100

$dY_{90}/dY_u=2,55, \gamma=2,4, 1/\gamma=1/2,4=0,41$

$dY_{18}/dY_u=1,00, S_n=50,00, D_n=-0,00$

$dY_{3,6}/dY_u=0,39, Y_u=18, dY_u=4,80$

1
10

$l^*_u=50, dY_u=4,80, dY_u/Y_u=0,2666$

$\log[(dY)/(dY)_u]=0, m_u=0,58$

0
1

application
range

0,1

-1

0

10

1

100

2

$Y_u=18$

$Y_W=90$

Y

$\log(Y)$