

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

IECsRGBu2 relative
tristimulus value difference

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

$l^*_{IECsRGBu2}=50 (Y/Y_u)^{1/2,0} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY/dY_u) = [1-(1/2,0)] \log(Y/Y_u)$

2
1
0
-1
-2

$dY_{90}/dY_u=2,23, \gamma=2,0, 1/\gamma=1/2,0=0,50$

$dY_{18}/dY_u=1,00, S_0=50,00, D_0=-0,00$

$dY_{3,6}/dY_u=0,44, Y_u=18, dY_u=4,00$

$l^*_u=50, dY_u=4,00, dY_u/Y_u=0,2222$

$\log[(dY)/(dY)_u]=0, m_u=0,49$

application
range

0,1

1

10

100

$Y_u=18$

Y

$Y_N=3,6$

1

$Y_W=90$

2

$\log(Y)$