

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

IECsRGBu6 relative
tristimulus value difference

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

$t^*_{\text{IECsRGBu6}}=50 (Y/Y_u)^{1/2,4} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

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

2
1
0
-1
-2

100
10
1

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

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

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

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

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

application
range

0,1

10

1

100

$Y_u=18$

Y

$Y_N=3,6$

$Y_W=90$

$\log(Y)$