Munsell (Renotation) **Chroma C = 2 and Value V = 1, 5, and 9**
in chromaticity diagram ($x_2(F,U)$, $y_2(F,U)$)

x_{20}=1.0, y_{20}=1.0

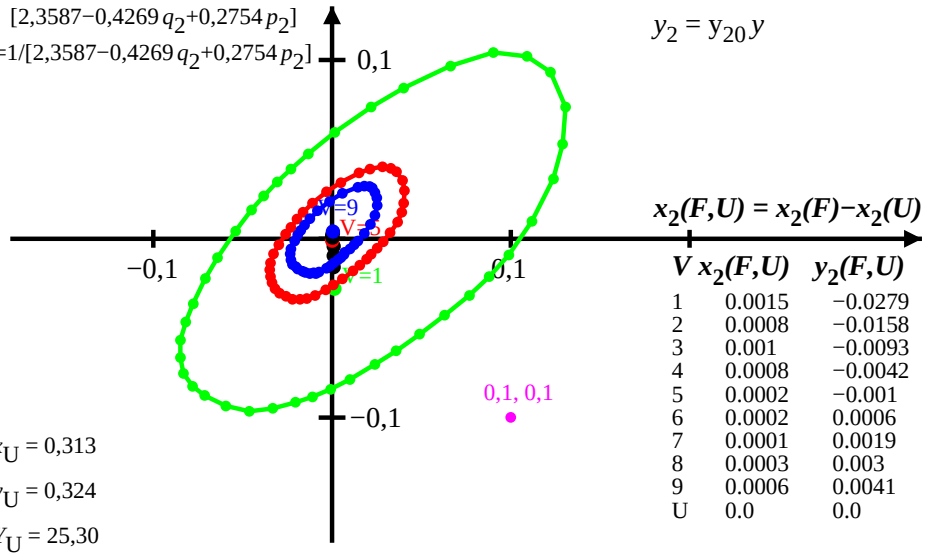
x_c=0.0, B_c=1.0

$x_2 = x_{20}(x-x_c)$

$y_2 = y_{20}\,y$

$$y_2(F,U) = y_2(F)-y_2(U)$$

x=[0,9093−0,0133 q_2+0,3338 p_2]/
[2,3587−0,4269 q_2+0,2754 p_2]
y=1/[2,3587−0,4269 q_2+0,2754 p_2]



$x_2(F,U) = x_2(F)-x_2(U)$

V	$x_2(F,U)$	$y_2(F,U)$
1	0.0015	−0.0279
2	0.0008	−0.0158
3	0.001	−0.0093
4	0.0008	−0.0042
5	0.0002	−0.001
6	0.0002	0.0006
7	0.0001	0.0019
8	0.0003	0.003
9	0.0006	0.0041
U	0.0	0.0

x_U = 0,313

y_U = 0,324

Y_U = 25,30

eed50−1a

Munsell (Renotation) **Chroma C = 2 and Value V = 1, 5, and 9**
in chroma diagram ($x^*_2(F,U)$, $y^*_2(F,U)$)

x_{20}=1.0, y_{20}=1.0

x_c=0.0, B_c=1.0, c_Y=0,91 $Y^{0.341}$

$$y^*_2(F,U) = c_Y\,[y_2(F)-(U))] = c_Y\;y_2(F,U)$$

x=[0,9093−0,0133 q_2+0,3338 p_2]/
[2,3587−0,4269 q_2+0,2754 p_2]
y=1/[2,3587−0,4269 q_2+0,2754 p_2]

$x_2 = x_{20}(x-x_c)$

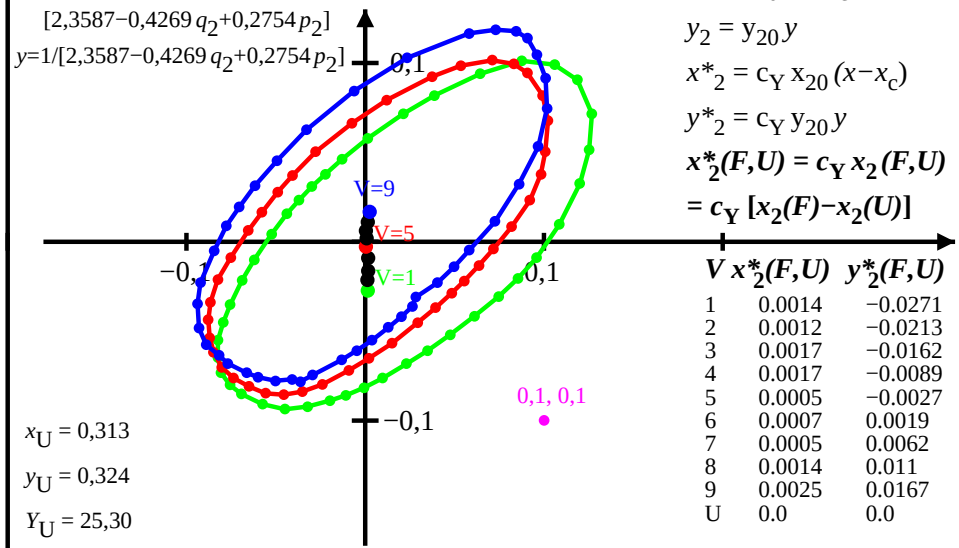
$y_2 = y_{20}\,y$

$x^*_2 = c_Y\,x_{20}(x-x_c)$

$y^*_2 = c_Y\,y_{20}\,y$

$x^*_2(F,U) = c_Y\,x_2(F,U)$

$= c_Y\,[x_2(F)-x_2(U)]$



V	$x^*_2(F,U)$	$y^*_2(F,U)$
1	0.0014	−0.0271
2	0.0012	−0.0213
3	0.0017	−0.0162
4	0.0017	−0.0089
5	0.0005	−0.0027
6	0.0007	0.0019
7	0.0005	0.0062
8	0.0014	0.011
9	0.0025	0.0167
U	0.0	0.0

x_U = 0,313

y_U = 0,324

Y_U = 25,30

eed50−2a

Munsell (Renotation) **Chroma C = 2 and Value V = 1, 5, and 9**
in chromaticity diagram ($x_2(F,U)$, $y_2(F,U)$)

x_{20}=1.0, y_{20}=1.0

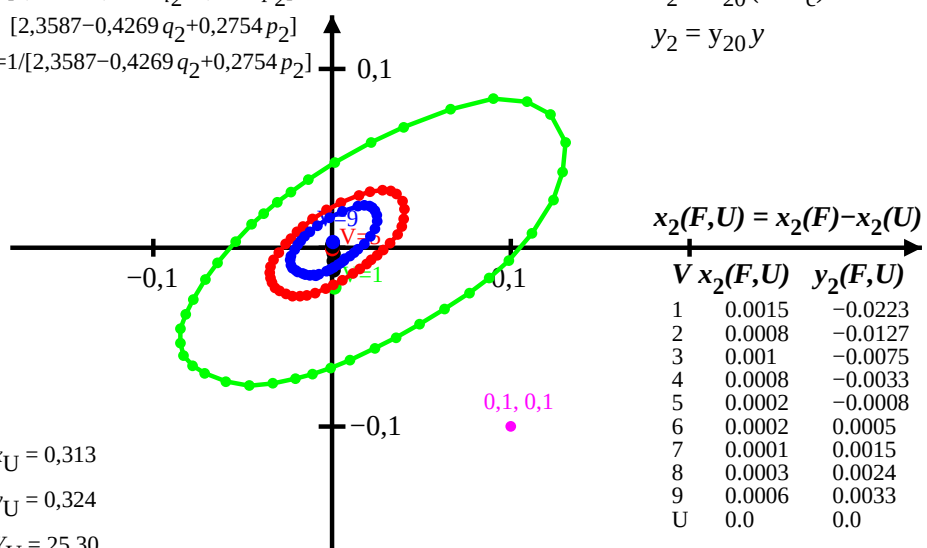
x_c=0.0, B_c=0.8

$x_2 = x_{20}(x-x_c)$

$y_2 = y_{20}\,y$

$$y_2(F,U) = y_2(F)-y_2(U)$$

x=[0,9093−0,0133 q_2+0,3338 p_2]/
[2,3587−0,4269 q_2+0,2754 p_2]
y=1/[2,3587−0,4269 q_2+0,2754 p_2]



$x_2(F,U) = x_2(F)-x_2(U)$

V	$x_2(F,U)$	$y_2(F,U)$
1	0.0015	−0.0223
2	0.0008	−0.0127
3	0.001	−0.0075
4	0.0008	−0.0033
5	0.0002	−0.0008
6	0.0002	0.0005
7	0.0001	0.0015
8	0.0003	0.0024
9	0.0006	0.0033
U	0.0	0.0

x_U = 0,313

y_U = 0,324

Y_U = 25,30

eed50−3a

Munsell (Renotation) **Chroma C = 2 and Value V = 1, 5, and 9**
in chroma diagram ($x^*_2(F,U)$, $y^*_2(F,U)$)

x_{20}=1.0, y_{20}=1.0

x_c=0.0, B_c=0.8, c_Y=0,91 $Y^{0.341}$

$$y^*_2(F,U) = c_Y\,[y_2(F)-(U))] = c_Y\;y_2(F,U)$$

x=[0,9093−0,0133 q_2+0,3338 p_2]/
[2,3587−0,4269 q_2+0,2754 p_2]
y=1/[2,3587−0,4269 q_2+0,2754 p_2]

$x_2 = x_{20}(x-x_c)$

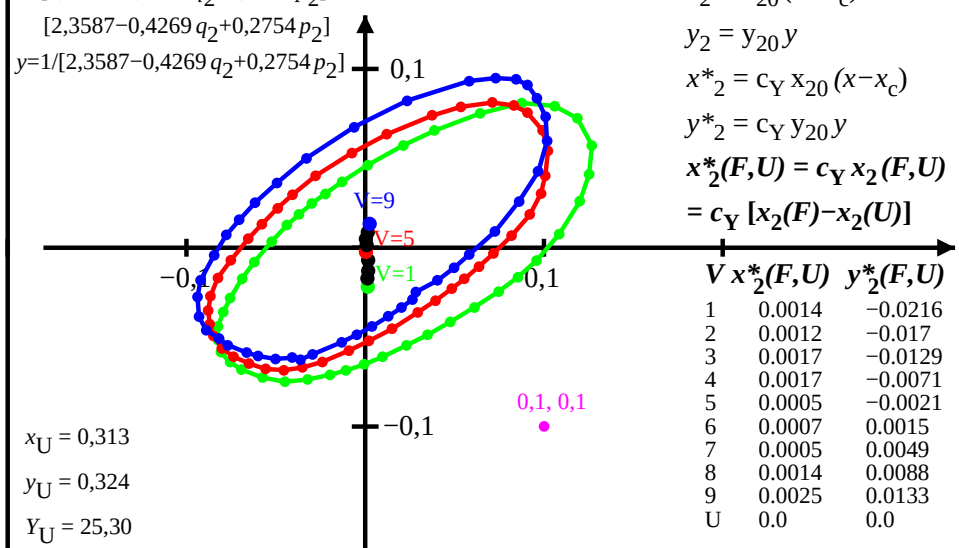
$y_2 = y_{20}\,y$

$x^*_2 = c_Y\,x_{20}(x-x_c)$

$y^*_2 = c_Y\,y_{20}\,y$

$x^*_2(F,U) = c_Y\,x_2(F,U)$

$= c_Y\,[x_2(F)-x_2(U)]$



V	$x^*_2(F,U)$	$y^*_2(F,U)$
1	0.0014	−0.0216
2	0.0012	−0.017
3	0.0017	−0.0129
4	0.0017	−0.0071
5	0.0005	−0.0021
6	0.0007	0.0015
7	0.0005	0.0049
8	0.0014	0.0088
9	0.0025	0.0133
U	0.0	0.0

x_U = 0,313

y_U = 0,324

Y_U = 25,30

eed50−4a