

Converting Colors

Yxy(58.7395, 0.3062, 0.3142)

Have a look what the booklet for
Yxy(58.7395, 0.3062, 0.3142)
contains.

Yxy(58.8092, 0.3058, 0.3138)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.8092, 0.3058, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	CBC8D5
RGB	203, 200, 213
RGB Percent	80%, 78%, 84%
CMY	0.2036, 0.2158, 0.1646
CMYK	0.05, 0.06, 0.00, 0.16
HSL	254°, 13%, 81%
HSV	254°, 6%, 84%
XYZ	57.3099, 58.8092, 71.2907
YIQ	202.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

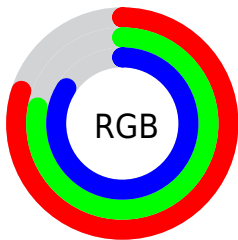
Format	Color
R _Y B	203, 200, 213
Decimal	13355221
CIE Lab	81.19, 3.50, -6.11
CIE LCh	81, 7.038, 299.837
Yxy	58.8092, 0.3058, 0.3138
Android (android.graphics.Color)	4291545301 (0xFFCBC8D5)
YUV	202.3790, 5.2362, 0.5446
Hunter-Lab	76.6872, -0.8057, -1.4368

Details

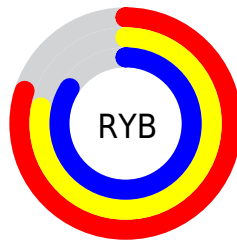
The Yxy color **58.8092, 0.3058, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4549, 0.3194, 0.3440**, and the grayscale version is **59.2874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.4160, 0.3044, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **47.4608, 0.2931, 0.2867**, and if you desaturate by 10%, it is **71.7761, 0.3168, 0.3381**.

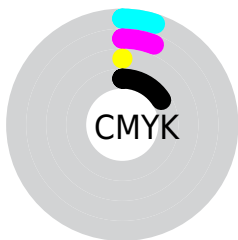
Distribution



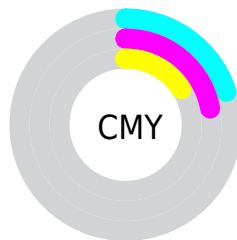
- Red (80%)
- Green (78%)
- Blue (84%)



- Red (80%)
- Yellow (78%)
- Blue (84%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8092, 0.3058, 0.3138 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 58.8092, 0.3058, 0.3138 by changing the saturation by 10% instead.

■ 58.8092, 0.3058,
0.3138

■ 58.8092, 0.3058,
0.3138

420.1945, 0.3091,
0.3211

■ 42.4595, 0.3050,
0.3121

103.1003, 0.3070,
0.3164

■ 29.4613, 0.3040,
0.3099

131.8105, 0.3074,
0.3173

■ 19.4301, 0.3027,
0.3072

165.4098, 0.3078,
0.3182

■ 11.9814, 0.3009,
0.3034

204.2824, 0.3082,
0.3189

■ 6.7310, 0.2983,
0.2982

248.8128, 0.3085,
0.3196

■ 3.2945, 0.2944,
0.2903

299.3853, 0.3087,

■ 1.2873, 0.2876,

0.3201

0.2770

356.3844, 0.3089,
0.3206

0.1314, 0.2307,
0.1441

0.0000, 0.0000,
0.0000

58.8092, 0.3058,
0.3138

58.8092, 0.3058,
0.3138

47.4608, 0.2931,
0.2867

71.7761, 0.3168,
0.3381

37.6595, 0.2786,
0.2569

86.4141, 0.3262,
0.3596

29.3398, 0.2625,
0.2250

96.9824, 0.3354,
0.3703

22.4283, 0.2450,
0.1920

97.5849, 0.3375,
0.3701

■ 16.8456, 0.2267,
0.1593

■ 12.5039, 0.2086,
0.1288

■ 9.3048, 0.1917,
0.1028

■ 7.1344, 0.1773,
0.0831

■ 5.8518, 0.1661,
0.0705

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8092, 0.2986, 0.3142



58.8092, 0.3058, 0.3138



58.8092, 0.3149, 0.3173

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8092, 0.3058, 0.3138



58.8092, 0.3305, 0.3391



58.8092, 0.3019, 0.3342

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.8092, 0.3058, 0.3138



65.4549, 0.3194, 0.3440

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.8092, 0.3104, 0.3412



58.8092, 0.3058, 0.3138



58.8092, 0.3269, 0.3439

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8092, 0.3058, 0.3138



58.8092, 0.3293, 0.3317



58.8092, 0.3195, 0.3447



58.8092, 0.2964, 0.3259

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8092, 0.3058, 0.3138



58.8092, 0.3209, 0.3214



58.8092, 0.3195, 0.3447



58.8092, 0.3045, 0.3368

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.8117, 0.3058, 0.3138



96.0591, 0.3105, 0.3241



63.1617, 0.3033, 0.3254



20.6019, 0.3106, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8117, 0.3058, 0.3138



86.6450, 0.3047, 0.3113



59.7384, 0.3107, 0.3140



12.6407, 0.3041, 0.3101



3.3978, 0.1637, 0.0675



0.2435, 0.1813, 0.0773

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.0969, 0.3157, 0.3177



88.8651, 0.3161, 0.3159



64.5260, 0.3146, 0.3442



12.9885, 0.3164, 0.3150



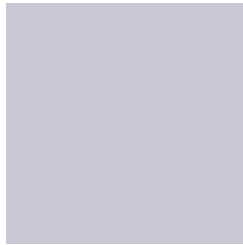
10.2596, 0.3914, 0.1930



0.6313, 0.3767, 0.1849

Previews

White Background



This preview shows how the Yxy color 58.8092, 0.3058, 0.3138 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.8092, 0.3058, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

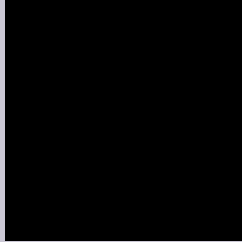
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

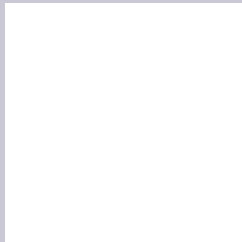
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8092, 0.3058, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 58.8092, 0.3058, 0.3138.

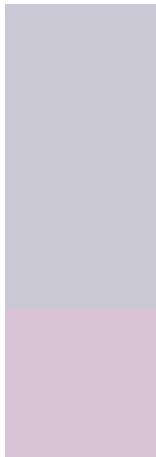


This preview shows how white text looks on a background with the Yxy color 58.8092, 0.3058, 0.3138.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.8092, 0.3058, 0.3138

Protanopia

58.6692, 0.3050, 0.3138

Deuteranopia

58.9338, 0.3152, 0.3086



Tritanopia

58.9114, 0.3043, 0.3116

Trichromacy



Original Color

58.8092, 0.3058, 0.3138

Protanomaly

58.6692, 0.3050, 0.3138

Deuteranomaly

58.6364, 0.3113, 0.3095

Tritanomaly

58.8601, 0.3050, 0.3127

Monochromacy



Original Color

58.8092, 0.3058, 0.3138

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7861, 0.3099, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8092, 0.3058, 0.3138 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.8092, 0.3058, 0.3138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 200, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 200, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8092, 0.3058, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
200, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor