

Converting Colors

$Y_{xy}(59.3953, 0.3085, 0.3322)$

Have a look what the booklet for
Yxy(59.3953, 0.3085, 0.3322)
contains.

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Color

Yxy(59.1858, 0.3080, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C4CCCA
RGB	196, 204, 202
RGB Percent	77%, 80%, 79%
CMY	0.2316, 0.1999, 0.2078
CMYK	0.04, 0.00, 0.01, 0.20
HSL	165°, 7%, 78%
HSV	165°, 4%, 80%
XYZ	55.0067, 59.1858, 64.4007
YIQ	201.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

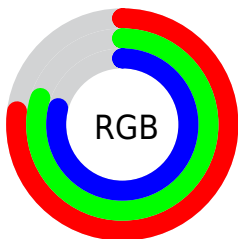
Format	Color
R _Y B	196, 201, 204
Decimal	12897482
CIE Lab	81.39, -3.13, 0.04
CIE LCh	81, 3.127, 179.323
Yxy	59.1858, 0.3080, 0.3314
Android (android.graphics.Color)	4291087562 (0xFFC4CCCA)
YUV	201.3800, 0.3057, -4.7183
Hunter-Lab	76.9323, -7.0038, 4.2204

Details

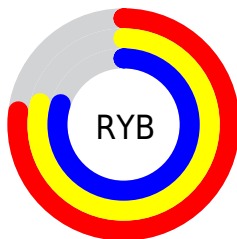
The Yxy color **59.1858, 0.3080, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3694, 0.3177, 0.3266**, and the grayscale version is **58.6528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **29.7016, 0.3065, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **56.3990, 0.2964, 0.3379**, and if you desaturate by 10%, it is **62.3577, 0.3200, 0.3255**.

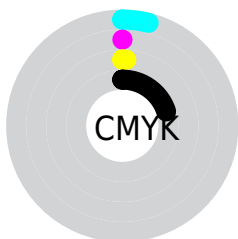
Distribution



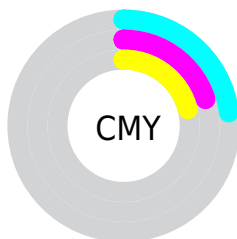
- Red (77%)
- Green (80%)
- Blue (79%)



- Red (77%)
- Yellow (79%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1858, 0.3080, 0.3314 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 59.1858, 0.3080, 0.3314 by changing the saturation by 10% instead.

■ 59.1858, 0.3080,
0.3314

■ 59.1858, 0.3080,
0.3314

421.5901, 0.3103,
0.3303

■ 42.7627, 0.3075,
0.3317

103.6477, 0.3088,
0.3310

■ 29.6990, 0.3068,
0.3320

132.4552, 0.3091,
0.3308

■ 19.6102, 0.3059,
0.3325

166.1597, 0.3094,
0.3307

■ 12.1120, 0.3047,
0.3331

205.1455, 0.3096,
0.3306

■ 6.8200, 0.3030,
0.3339

249.7971, 0.3098,
0.3305

■ 3.3498, 0.3004,
0.3352

300.4988, 0.3100,

■ 1.3170, 0.2959,

0.3304

357.6350, 0.3101,
0.3303

0.3375

0.1543, 0.1803,
0.3956

0.0000, 0.0000,
0.0000

59.1858, 0.3080,
0.3314

59.1858, 0.3080,
0.3314

56.3990, 0.2964,
0.3379

62.3577, 0.3200,
0.3255

53.9746, 0.2853,
0.3451

65.9212, 0.3321,
0.3203

51.8993, 0.2752,
0.3528

69.4826, 0.3425,
0.3156

50.1557, 0.2663,
0.3611

69.7530, 0.3386,
0.3104

■ 48.7253, 0.2588,
0.3699

■ 70.0317, 0.3348,
0.3054

■ 47.5874, 0.2530,
0.3789

■ 70.3187, 0.3310,
0.3004

■ 46.7190, 0.2491,
0.3882

■ 70.6142, 0.3273,
0.2954

■ 46.0934, 0.2472,
0.3976

■ 70.9183, 0.3236,
0.2905

■ 45.6784, 0.2473,
0.4069

■ 71.2309, 0.3200,
0.2857

Harmonies

Analogous

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



59.1858, 0.3118, 0.3344



59.1858, 0.3080, 0.3314



59.1858, 0.3055, 0.3278

Triad

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



59.1858, 0.3080, 0.3314



59.1858, 0.3096, 0.3222



59.1858, 0.3206, 0.3335

Complementary

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



59.1858, 0.3080, 0.3314



56.3694, 0.3177, 0.3266

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.



59.1858, 0.3200, 0.3302



59.1858, 0.3080, 0.3314



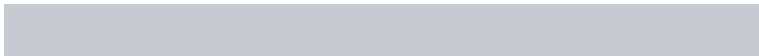
59.1858, 0.3136, 0.3237

Square

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



59.1858, 0.3080, 0.3314



59.1858, 0.3064, 0.3225



59.1858, 0.3175, 0.3266



59.1858, 0.3190, 0.3356

Rectangle

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



59.1858, 0.3080, 0.3314



59.1858, 0.3049, 0.3255



59.1858, 0.3175, 0.3266



59.1858, 0.3206, 0.3325

Sweetspot

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



59.1883, 0.3080, 0.3314



99.4785, 0.3115, 0.3296



59.1979, 0.3139, 0.3387



21.2980, 0.3116, 0.3296



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.



59.1883, 0.3080, 0.3314



97.4577, 0.3067, 0.3321



58.3937, 0.3066, 0.3267



12.9122, 0.3060, 0.3325



28.6436, 0.2475, 0.4112



1.4894, 0.2425, 0.3931

Inverse Universe

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



56.3694, 0.3177, 0.3266



91.5327, 0.3191, 0.3259



57.1324, 0.3190, 0.3313



12.0394, 0.3199, 0.3256



8.2435, 0.5910, 0.3029



0.4378, 0.5338, 0.2714

Previews

White Background



This preview shows how the Yxy color 59.1858, 0.3080, 0.3314 looks on a white background.

Color Contrast Check

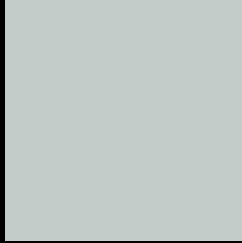
Large Text (above 18pt) WCAG AA × Fail

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 59.1858, 0.3080, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

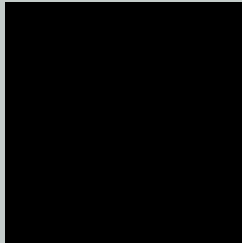
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

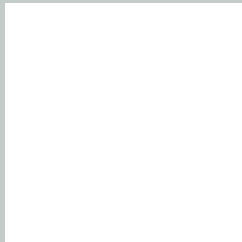
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1858, 0.3080, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 59.1858, 0.3080, 0.3314.



This preview shows how white text looks on a background with the Yxy color 59.1858, 0.3080, 0.3314.

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

59.1858, 0.3080, 0.3314

Protanopia

59.0652, 0.3173, 0.3302

Deuteranopia

59.2116, 0.3267, 0.3200



Tritanopia

59.3088, 0.2985, 0.3103

Trichromacy



Original Color

59.1858, 0.3080, 0.3314

Protanomaly

59.0147, 0.3134, 0.3302

Deuteranomaly

59.1557, 0.3200, 0.3244

Tritanomaly

59.3357, 0.3019, 0.3184

Monochromacy



Original Color

59.1858, 0.3080, 0.3314

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6002, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1858, 0.3080, 0.3314 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(196, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 202)  
}
```

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(196, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.1858, 0.3080, 0.3314 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(196, 204, 202) }
```

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

```
.border{ border-color:rgb(196, 204, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 204, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 204, 202); box-shadow:4px 4px 4px 4px rgb(196, 204, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1858, 0.3080, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 202) }
```

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

```
.background{ background-color: rgb(196,  
204, 202) }
```

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](#).

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