

Converting Colors

Yxy(58.9022, 0.3018, 0.3221)

Have a look what the booklet for
Yxy(58.9022, 0.3018, 0.3221)
contains.

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Color

Yxy(58.7847, 0.3017, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	C2CBD1
RGB	194, 203, 209
RGB Percent	76%, 80%, 82%
CMY	0.2392, 0.2039, 0.1803
CMYK	0.07, 0.03, 0.00, 0.18
HSL	204°, 14%, 79%
HSV	204°, 7%, 82%
XYZ	55.1129, 58.7847, 68.7770
YIQ	200.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

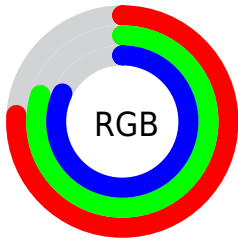
Format	Color
RYB	194, 200, 209
Decimal	12766161
CIELab	81.17, -1.91, -4.06
CIELCh	81, 4.489, 244.843
Yxy	58.7847, 0.3017, 0.3218
Android (android.graphics.Color)	4290956241 (0xFFC2CBD1)
YUV	200.9930, 3.9475, -6.1329
Hunter-Lab	76.6712, -5.8648, 0.4844

Details

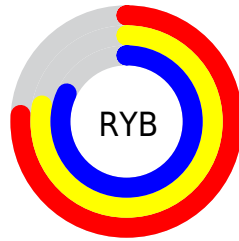
The Yxy color **58.7847, 0.3017, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7660, 0.3242, 0.3361**, and the grayscale version is **58.3838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.4369, 0.2982, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **52.3670, 0.2861, 0.3108**, and if you desaturate by 10%, it is **65.8097, 0.3170, 0.3317**.

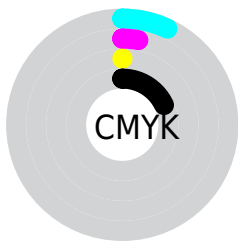
Distribution



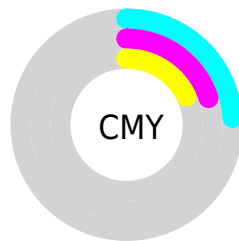
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7847, 0.3017, 0.3218 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 58.7847, 0.3017, 0.3218 by changing the saturation by 10% instead.

■ 58.7847, 0.3017,
0.3218

■ 58.7847, 0.3017,
0.3218

420.1036, 0.3070,
0.3253

■ 42.4398, 0.3004,
0.3210

■ 103.0647, 0.3036,
0.3230

■ 29.4458, 0.2989,
0.3199

131.7686, 0.3043,
0.3235

■ 19.4184, 0.2968,
0.3185

165.3610, 0.3049,
0.3239

■ 11.9730, 0.2941,
0.3167

204.2262, 0.3054,
0.3243

■ 6.7253, 0.2902,
0.3140

248.7487, 0.3059,
0.3246

■ 3.2909, 0.2842,
0.3100

299.3128, 0.3063,

■ 1.2854, 0.2740,

0.3248

0.3028

356.3030, 0.3067,
0.3251

0.1299, 0.1216,
0.2054

0.0000, 0.0000,
0.0000

58.7847, 0.3017,
0.3218

58.7847, 0.3017,
0.3218

52.3670, 0.2861,
0.3108

65.8097, 0.3170,
0.3317

46.5297, 0.2704,
0.2988

73.4530, 0.3317,
0.3404

41.2545, 0.2549,
0.2856

81.4110, 0.3445,
0.3483

36.5194, 0.2400,
0.2716

86.1300, 0.3431,
0.3565

■ 32.3003, 0.2261,
0.2567

■ 91.0749, 0.3416,
0.3645

■ 28.5711, 0.2137,
0.2413

■ 96.2488, 0.3402,
0.3724

■ 25.3025, 0.2030,
0.2258

■ 97.3846, 0.3400,
0.3740

■ 22.4607, 0.1945,
0.2103

■ 20.0016, 0.1880,
0.1952

Harmonies

Analogous

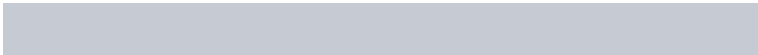
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.7847, 0.3020, 0.3262



58.7847, 0.3017, 0.3218



58.7847, 0.3044, 0.3193

Triad

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



58.7847, 0.3017, 0.3218



58.7847, 0.3204, 0.3265



58.7847, 0.3161, 0.3388

Complementary

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



58.7847, 0.3017, 0.3218



58.7660, 0.3242, 0.3361

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.



58.7847, 0.3211, 0.3388



58.7847, 0.3017, 0.3218



58.7847, 0.3236, 0.3316

Square

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



58.7847, 0.3017, 0.3218



58.7847, 0.3151, 0.3221



58.7847, 0.3239, 0.3361



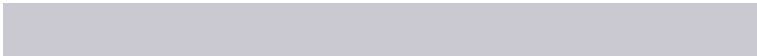
58.7847, 0.3103, 0.3361

Rectangle

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



58.7847, 0.3017, 0.3218



58.7847, 0.3074, 0.3191



58.7847, 0.3239, 0.3361



58.7847, 0.3180, 0.3391

Sweetspot

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



58.7872, 0.3017, 0.3218



97.7498, 0.3096, 0.3270



61.2505, 0.3077, 0.3398



20.9461, 0.3098, 0.3271



0.0000, 0.0000, 0.0000



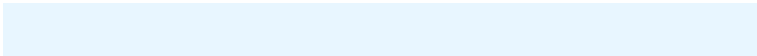
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7872, 0.3017, 0.3218



90.1817, 0.2987, 0.3198



55.3252, 0.3018, 0.3127



12.5798, 0.2983, 0.3195



12.1312, 0.1870, 0.1932



0.8314, 0.1947, 0.2208

Inverse Universe

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



56.4506, 0.3180, 0.3185



85.6437, 0.3196, 0.3156



62.3309, 0.3234, 0.3448



11.9256, 0.3198, 0.3151



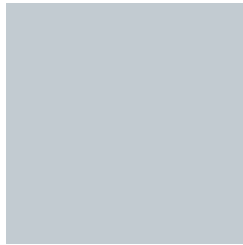
9.2959, 0.4530, 0.2269



0.5352, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 58.7847, 0.3017, 0.3218 looks on a white background.

Color Contrast Check

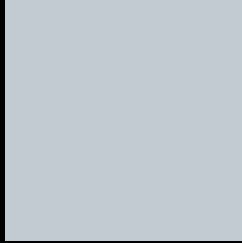
Large Text (above 18pt) WCAG AA × Fail

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 58.7847, 0.3017, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

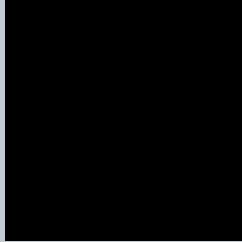
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

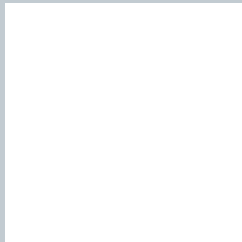
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7847, 0.3017, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 58.7847, 0.3017, 0.3218.



This preview shows how white text looks on a background with the Yxy color 58.7847, 0.3017, 0.3218.

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

58.7847, 0.3017, 0.3218

Protanopia

58.5101, 0.3100, 0.3208

Deuteranopia

58.4851, 0.3183, 0.3109



Tritanopia

58.9051, 0.2963, 0.3102

Trichromacy



Original Color

58.7847, 0.3017, 0.3218

Protanomaly

58.6067, 0.3070, 0.3207

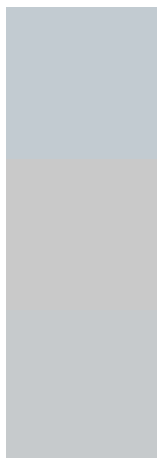
Deuteranomaly

58.5966, 0.3126, 0.3151

Tritanomaly

58.7495, 0.2984, 0.3136

Monochromacy



Original Color

58.7847, 0.3017, 0.3218

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6065, 0.3082, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7847, 0.3017, 0.3218 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(194, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 209)  
}
```

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(194, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.7847, 0.3017, 0.3218 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(194, 203, 209) }
```

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

```
.border{ border-color:rgb(194, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 203, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 203, 209); box-shadow:4px 4px 4px 4px rgb(194, 203, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7847, 0.3017, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 203, 209) }
```

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

```
.background{ background-color: rgb(194,  
203, 209) }
```

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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