

Converting Colors

Yxy(57.8525, 0.2880, 0.3148)

Have a look what the booklet for
Yxy(57.8525, 0.2880, 0.3148)
contains.

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Color

Yxy(57.9158, 0.2883, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCD7
RGB	181, 204, 215
RGB Percent	71%, 80%, 84%
CMY	0.2904, 0.1999, 0.1568
CMYK	0.16, 0.05, 0.00, 0.16
HSL	199°, 30%, 78%
HSV	199°, 16%, 84%
XYZ	52.9060, 57.9158, 72.6884
YIQ	198.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

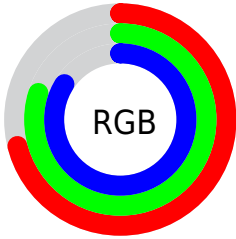
Format	Color
RYB	181, 195, 215
Decimal	11914455
CIELab	80.69, -5.48, -8.09
CIELCh	81, 9.765, 235.895
Yxy	57.9158, 0.2883, 0.3156
Android (android.graphics.Color)	4290104535 (0xFFB5CCD7)
YUV	198.3770, 8.1951, -15.2396
Hunter-Lab	76.1024, -9.0871, -3.3585

Details

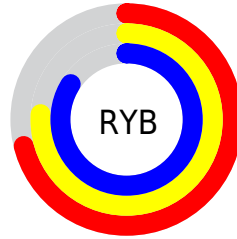
The Yxy color **57.9158, 0.2883, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4563, 0.3405, 0.3420**, and the grayscale version is **56.6665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **28.9400, 0.2826, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **52.2913, 0.2730, 0.3060**, and if you desaturate by 10%, it is **64.0932, 0.3037, 0.3243**.

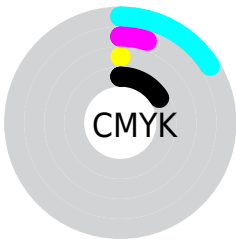
Distribution



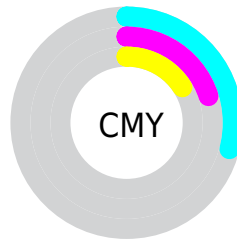
- Red (71%)
- Green (80%)
- Blue (84%)



- Red (71%)
- Yellow (76%)
- Blue (84%)



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



- Cyan (29%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9158, 0.2883, 0.3156 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 57.9158, 0.2883, 0.3156 by changing the saturation by 10% instead.

■ 57.9158, 0.2883,
0.3156

■ 57.9158, 0.2883,
0.3156

416.8721, 0.3000,
0.3221

■ 41.7410, 0.2855,
0.3140

■ 101.8002, 0.2924,
0.3179

■ 28.8985, 0.2821,
0.3120

130.2786, 0.2940,
0.3188

■ 19.0041, 0.2776,
0.3094

163.6270, 0.2954,
0.3196

■ 11.6732, 0.2716,
0.3058

202.2297, 0.2965,
0.3202

■ 6.5216, 0.2631,
0.3007

246.4712, 0.2976,
0.3208

■ 3.1647, 0.2502,
0.2926

296.7358, 0.2985,

■ 1.2183, 0.2287,

0.3213

0.2785

353.4080, 0.2993,
0.3218

0.0766, 0.0000,
0.1056

0.0000, 0.0000,
0.0000

57.9158, 0.2883,
0.3156

57.9158, 0.2883,
0.3156

52.2913, 0.2730,
0.3060

64.0932, 0.3037,
0.3243

47.1922, 0.2580,
0.2957

70.8353, 0.3190,
0.3322

42.5993, 0.2438,
0.2846

78.1624, 0.3340,
0.3392

38.4890, 0.2308,
0.2729

83.7542, 0.3398,
0.3458

■ 34.8356, 0.2193,
0.2607

■ 87.7337, 0.3388,
0.3526

■ 31.6100, 0.2095,
0.2484

■ 91.8691, 0.3377,
0.3593

■ 28.7791, 0.2018,
0.2360

■ 96.1621, 0.3367,
0.3658

■ 26.3018, 0.1961,
0.2238

■ 97.6870, 0.3363,
0.3681

■ 25.3468, 0.1941,
0.2188

Harmonies

Analogous

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



57.9158, 0.2908, 0.3261



57.9158, 0.2883, 0.3156



57.9158, 0.2922, 0.3090

Triad

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



57.9158, 0.2883, 0.3156



57.9158, 0.3264, 0.3204



57.9158, 0.3237, 0.3512

Complementary

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



57.9158, 0.2883, 0.3156



55.4563, 0.3405, 0.3420

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.



57.9158, 0.3335, 0.3491



57.9158, 0.2883, 0.3156



57.9158, 0.3351, 0.3312

Square

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



57.9158, 0.2883, 0.3156



57.9158, 0.3140, 0.3119



57.9158, 0.3378, 0.3417



57.9158, 0.3111, 0.3471

Rectangle

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



57.9158, 0.2883, 0.3156



57.9158, 0.2979, 0.3075



57.9158, 0.3378, 0.3417



57.9158, 0.3274, 0.3512

Sweetspot

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



57.9182, 0.2883, 0.3156



95.0640, 0.3050, 0.3250



62.2187, 0.3036, 0.3576



20.2028, 0.3039, 0.3244



0.0000, 0.0000, 0.0000



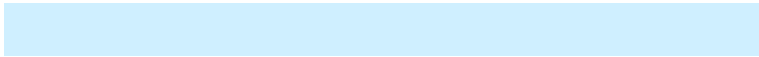
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9182, 0.2883, 0.3156



82.3662, 0.2832, 0.3125



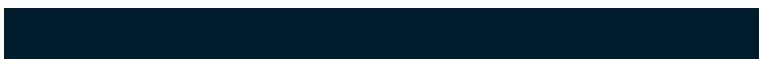
50.3458, 0.2874, 0.2946



13.4006, 0.2982, 0.3213



15.3580, 0.1946, 0.2206



1.0734, 0.2004, 0.2416

Inverse Universe

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



51.8350, 0.3233, 0.3022



71.9214, 0.3259, 0.2964



63.2699, 0.3374, 0.3612



12.5613, 0.3187, 0.3133



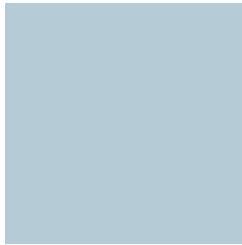
9.8952, 0.4226, 0.2101



0.6117, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 57.9158, 0.2883, 0.3156 looks on a white background.

Color Contrast Check

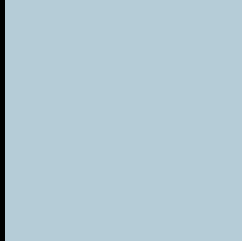
Large Text (above 18pt) WCAG AA × Fail

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 57.9158, 0.2883, 0.3156 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

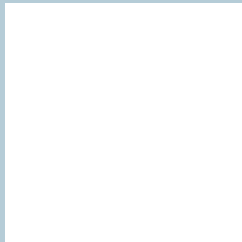
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9158, 0.2883, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 57.9158, 0.2883, 0.3156.

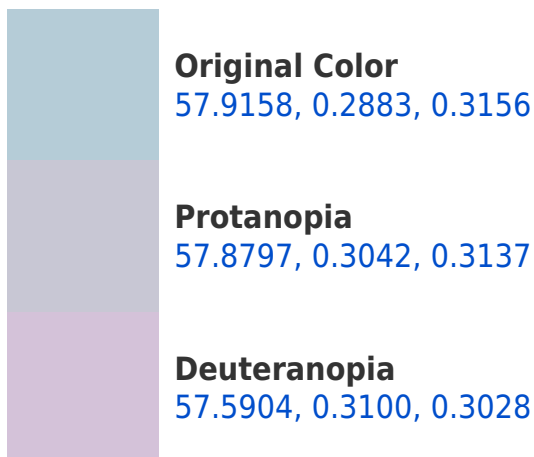


This preview shows how white text looks on a background with the Yxy color 57.9158, 0.2883, 0.3156.

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





Tritanopia

57.7714, 0.2864, 0.3097

Trichromacy



Original Color

57.9158, 0.2883, 0.3156

Protanomaly

57.9148, 0.2982, 0.3147

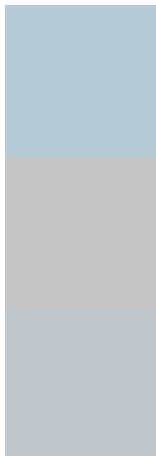
Deuteranomaly

57.7635, 0.3022, 0.3080

Tritanomaly

57.7189, 0.2871, 0.3108

Monochromacy



Original Color

57.9158, 0.2883, 0.3156

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8747, 0.3037, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9158, 0.2883, 0.3156 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(181, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 215)  
}
```

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(181, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.9158, 0.2883, 0.3156 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(181, 204, 215) }
```

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

```
.border{ border-color:rgb(181, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9158, 0.2883, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 215) }
```

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

```
.background{ background-color: rgb(181,  
204, 215) }
```

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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