

Converting Colors

$Yxy(58.2405, 0.2859, 0.3113)$

Have a look what the booklet for
Yxy(58.2405, 0.2859, 0.3113)
contains.

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Color

Yxy(58.1240, 0.2858, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCDB
RGB	181, 204, 219
RGB Percent	71%, 80%, 86%
CMY	0.2902, 0.2000, 0.1413
CMYK	0.17, 0.07, 0.00, 0.14
HSL	204°, 35%, 78%
HSV	204°, 17%, 86%
XYZ	53.4315, 58.1240, 75.3986
YIQ	198.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

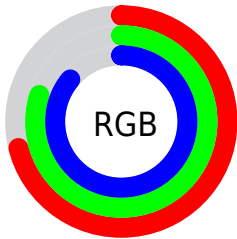
Format	Color
RYB	181, 195, 219
Decimal	11914459
CIELab	80.81, -4.62, -10.03
CIElCh	81, 11.044, 245.286
Yxy	58.1240, 0.2858, 0.3109
Android (android.graphics.Color)	4290104539 (0xFFB5CCDB)
YUV	198.8330, 9.9423, -15.6395
Hunter-Lab	76.2391, -8.3184, -5.2690

Details

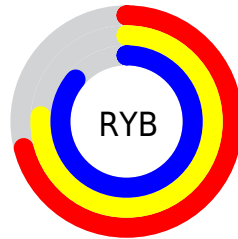
The Yxy color **58.1240, 0.2858, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8540, 0.3430, 0.3464**, and the grayscale version is **56.9529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **29.0822, 0.2793, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **51.6952, 0.2701, 0.2990**, and if you desaturate by 10%, it is **65.2008, 0.3014, 0.3217**.

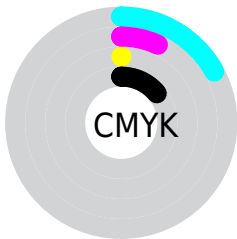
Distribution



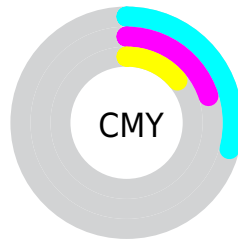
- Red (71%)
- Green (80%)
- Blue (86%)



- Red (71%)
- Yellow (76%)
- Blue (86%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1240, 0.2858, 0.3109 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 58.1240, 0.2858, 0.3109 by changing the saturation by 10% instead.

■ 58.1240, 0.2858,
0.3109

■ 58.1240, 0.2858,
0.3109

417.6478, 0.2987,
0.3197

■ 41.9083, 0.2828,
0.3088

■ 102.1034, 0.2903,
0.3140

■ 29.0295, 0.2789,
0.3061

130.6360, 0.2921,
0.3152

■ 19.1032, 0.2740,
0.3026

164.0429, 0.2936,
0.3162

■ 11.7448, 0.2674,
0.2979

202.7087, 0.2949,
0.3171

■ 6.5702, 0.2582,
0.2912

247.0177, 0.2960,
0.3179

■ 3.1948, 0.2443,
0.2808

297.3543, 0.2970,

■ 1.2343, 0.2211,

0.3186

0.2629

354.1029, 0.2979,
0.3192

0.0894, 0.0000,
0.1007

0.0000, 0.0000,
0.0000

58.1240, 0.2858,
0.3109

58.1240, 0.2858,
0.3109

51.6952, 0.2701,
0.2990

65.2008, 0.3014,
0.3217

45.8843, 0.2546,
0.2860

72.9401, 0.3167,
0.3315

40.6690, 0.2398,
0.2721

81.3648, 0.3315,
0.3402

36.0225, 0.2260,
0.2574

87.8256, 0.3362,
0.3484

■ 31.9157, 0.2136,
0.2423

■ 92.9854, 0.3350,
0.3567

■ 28.3158, 0.2031,
0.2269

■ 97.8929, 0.3340,
0.3641

■ 25.1850, 0.1947,
0.2117

■ 22.4739, 0.1884,
0.1968

■ 21.8027, 0.1869,
0.1929

Harmonies

Analogous

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



58.1240, 0.2864, 0.3217



58.1240, 0.2858, 0.3109



58.1240, 0.2923, 0.3053

Triad

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



58.1240, 0.2858, 0.3109



58.1240, 0.3318, 0.3229



58.1240, 0.3208, 0.3534

Complementary

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



58.1240, 0.2858, 0.3109



57.8540, 0.3430, 0.3464

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.



58.1240, 0.3333, 0.3532



58.1240, 0.2858, 0.3109



58.1240, 0.3398, 0.3353

Square

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



58.1240, 0.2858, 0.3109



58.1240, 0.3187, 0.3123



58.1240, 0.3403, 0.3464



58.1240, 0.3063, 0.3467

Rectangle

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



58.1240, 0.2858, 0.3109



58.1240, 0.2998, 0.3049



58.1240, 0.3403, 0.3464



58.1240, 0.3253, 0.3542

Sweetspot

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



58.1264, 0.2858, 0.3109



94.4979, 0.3050, 0.3241



64.4361, 0.3012, 0.3575



20.0651, 0.3039, 0.3234



0.0000, 0.0000, 0.0000



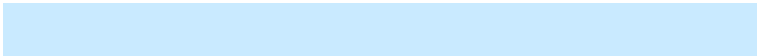
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1264, 0.2858, 0.3109



78.4885, 0.2798, 0.3064



49.8149, 0.2847, 0.2878



13.9235, 0.2982, 0.3196



13.1511, 0.1875, 0.1951



1.0182, 0.1943, 0.2193

Inverse Universe

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



52.4633, 0.3266, 0.3026



69.1782, 0.3303, 0.2965



66.7582, 0.3395, 0.3671



13.1834, 0.3198, 0.3149



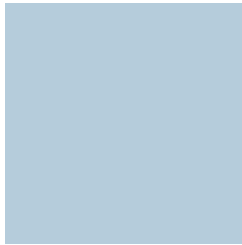
9.9514, 0.4508, 0.2257



0.6615, 0.4240, 0.2110

Previews

White Background



This preview shows how the Yxy color 58.1240, 0.2858, 0.3109 looks on a white background.

Color Contrast Check

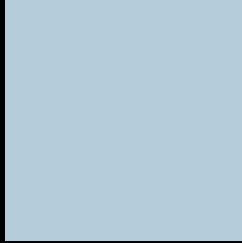
Large Text (above 18pt) WCAG AA × Fail

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 58.1240, 0.2858, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

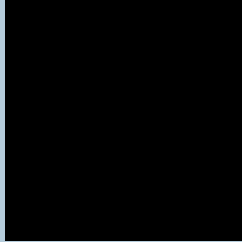
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

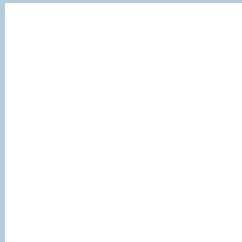
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1240, 0.2858, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 58.1240, 0.2858, 0.3109.



This preview shows how white text looks on a background with the Yxy color 58.1240, 0.2858, 0.3109.

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

58.1240, 0.2858, 0.3109

Protanopia

57.9468, 0.3007, 0.3091

Deuteranopia

57.9523, 0.3055, 0.2994



Tritanopia

58.1768, 0.2851, 0.3097

Trichromacy



Original Color

58.1240, 0.2858, 0.3109

Protanomaly

57.9895, 0.2948, 0.3100

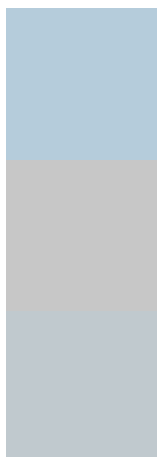
Deuteranomaly

57.6976, 0.2979, 0.3033

Tritanomaly

58.1768, 0.2851, 0.3097

Monochromacy



Original Color

58.1240, 0.2858, 0.3109

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4360, 0.3023, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1240, 0.2858, 0.3109 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 219) }
```

Border

The CSS property to change the border of an element to Yxy 58.1240, 0.2858, 0.3109 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, 219) }
```

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

```
.border{ border-color:rgb(181, 204, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1240, 0.2858, 0.3109 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, 219) }
```

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

```
.background{ background-color: rgb(181,  
204, 219) }
```

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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