

Converting Colors

$Yxy(58.6153, 0.2852, 0.3052)$

Have a look what the booklet for
Yxy(58.6153, 0.2852, 0.3052)
contains.

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Color

Yxy(58.7579, 0.2847, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	B8CCE0
RGB	184, 204, 224
RGB Percent	72%, 80%, 88%
CMY	0.2784, 0.2000, 0.1217
CMYK	0.18, 0.09, 0.00, 0.12
HSL	210°, 39%, 80%
HSV	210°, 18%, 88%
XYZ	54.8112, 58.7579, 78.9535
YIQ	200.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

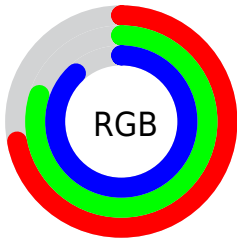
Format	Color
RYB	184, 197, 224
Decimal	12111072
CIELab	81.16, -2.61, -12.17
CIELCh	81, 12.442, 257.906
Yxy	58.7579, 0.2847, 0.3052
Android (android.graphics.Color)	4290301152 (0xFFB8CCE0)
YUV	200.3000, 11.6841, -14.2951
Hunter-Lab	76.6537, -6.5077, -7.4113

Details

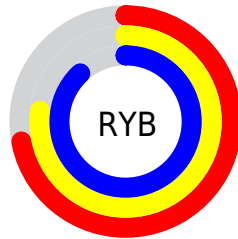
The Yxy color **58.7579, 0.2847, 0.3052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4731, 0.3432, 0.3517**, and the grayscale version is **57.8889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **29.5026, 0.2778, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **51.0812, 0.2684, 0.2898**, and if you desaturate by 10%, it is **67.2593, 0.3006, 0.3191**.

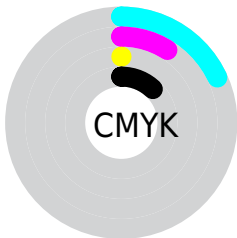
Distribution



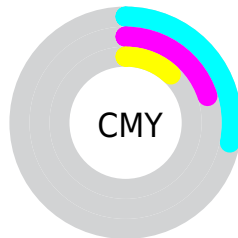
- Red (72%)
- Green (80%)
- Blue (88%)



- Red (72%)
- Yellow (77%)
- Blue (88%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7579, 0.2847, 0.3052 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 58.7579, 0.2847, 0.3052 by changing the saturation by 10% instead.

■ 58.7579, 0.2847,
0.3052

■ 58.7579, 0.2847,
0.3052

420.0041, 0.2981,
0.3167

■ 42.4183, 0.2815,
0.3025

■ 103.0257, 0.2894,
0.3093

■ 29.4289, 0.2776,
0.2990

131.7227, 0.2912,
0.3108

■ 19.4055, 0.2725,
0.2946

165.3075, 0.2928,
0.3121

■ 11.9637, 0.2657,
0.2886

204.1647, 0.2941,
0.3133

■ 6.7190, 0.2562,
0.2802

248.6785, 0.2953,
0.3143

■ 3.2870, 0.2420,
0.2674

299.2335, 0.2963,

■ 1.2833, 0.2185,

0.3152

0.2460

356.2139, 0.2972,
0.3160

0.1282, 0.0495,
0.1090

0.0000, 0.0000,
0.0000

58.7579, 0.2847,
0.3052

58.7579, 0.2847,
0.3052

51.0812, 0.2684,
0.2898

67.2593, 0.3006,
0.3191

44.1935, 0.2520,
0.2730

76.6051, 0.3160,
0.3316

38.0667, 0.2359,
0.2550

86.8233, 0.3305,
0.3426

32.6680, 0.2207,
0.2360

94.2404, 0.3317,
0.3533

■ 27.9617, 0.2069,
0.2165

■ 98.1604, 0.3310,
0.3592

■ 23.9081, 0.1949,
0.1968

■ 20.4617, 0.1853,
0.1777

■ 17.5624, 0.1780,
0.1596

■ 16.9920, 0.1766,
0.1559

Harmonies

Analogous

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



58.7579, 0.2819, 0.3151



58.7579, 0.2847, 0.3052



58.7579, 0.2948, 0.3018

Triad

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



58.7579, 0.2847, 0.3052



58.7579, 0.3389, 0.3279



58.7579, 0.3149, 0.3542

Complementary

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



58.7579, 0.2847, 0.3052



62.4731, 0.3432, 0.3517

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.



58.7579, 0.3304, 0.3573



58.7579, 0.2847, 0.3052



58.7579, 0.3445, 0.3417

Square

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



58.7579, 0.2847, 0.3052



58.7579, 0.3261, 0.3148



58.7579, 0.3414, 0.3525



58.7579, 0.2991, 0.3438

Rectangle

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



58.7579, 0.2847, 0.3052



58.7579, 0.3045, 0.3035



58.7579, 0.3414, 0.3525



58.7579, 0.3203, 0.3562

Sweetspot

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



58.7603, 0.2847, 0.3052



93.6655, 0.3050, 0.3228



67.8144, 0.2984, 0.3535



19.8627, 0.3039, 0.3219



0.0000, 0.0000, 0.0000



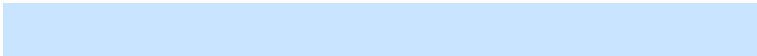
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7603, 0.2847, 0.3052



75.3263, 0.2793, 0.3003



50.1294, 0.2835, 0.2814



14.3712, 0.2981, 0.3170



10.1233, 0.1774, 0.1585



0.8808, 0.1851, 0.1864

Inverse Universe

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



54.4842, 0.3305, 0.3064



68.8589, 0.3345, 0.3020



72.2432, 0.3396, 0.3725



13.8144, 0.3214, 0.3173



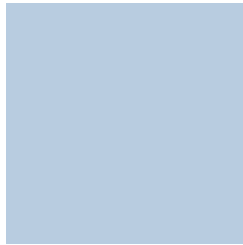
9.9300, 0.4950, 0.2500



0.7064, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 58.7579, 0.2847, 0.3052 looks on a white background.

Color Contrast Check

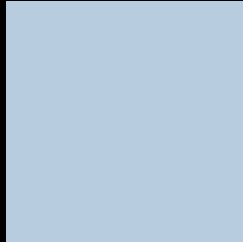
Large Text (above 18pt) WCAG AA × Fail

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 58.7579, 0.2847, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

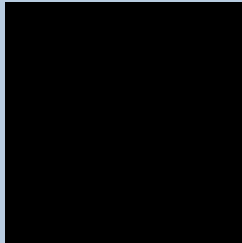
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

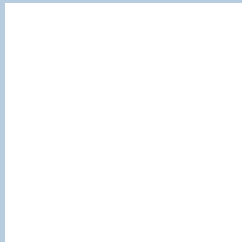
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7579, 0.2847, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 58.7579, 0.2847, 0.3052.



This preview shows how white text looks on a background with the Yxy color 58.7579, 0.2847, 0.3052.

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

58.7579, 0.2847, 0.3052

Protanopia

58.6711, 0.2972, 0.3046

Deuteranopia

58.5262, 0.3012, 0.2950



Tritanopia

58.9504, 0.2860, 0.3098

Trichromacy



Original Color

58.7579, 0.2847, 0.3052

Protanomaly

58.5165, 0.2929, 0.3043

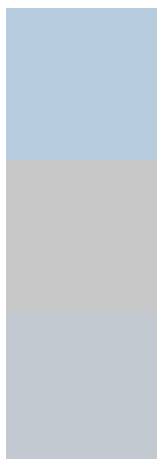
Deuteranomaly

58.5625, 0.2952, 0.2990

Tritanomaly

59.0038, 0.2853, 0.3086

Monochromacy



Original Color

58.7579, 0.2847, 0.3052

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8461, 0.3017, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7579, 0.2847, 0.3052 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(184, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 224)  
}
```

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(184, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 224) }
```

Border

The CSS property to change the border of an element to Yxy 58.7579, 0.2847, 0.3052 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(184, 204, 224) }
```

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

```
.border{ border-color:rgb(184, 204, 224) }
```

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

Here you see how a box with a 4 pixel rgb(184, 204, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7579, 0.2847, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 224) }
```

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

```
.background{ background-color: rgb(184,  
204, 224) }
```

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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