

Converting Colors

Yxy(58.8313, 0.2940, 0.3067)

Have a look what the booklet for
Yxy(58.8313, 0.2940, 0.3067)
contains.

Yxy(58.9309, 0.2936, 0.3067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.9309, 0.2936, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	C2CADD
RGB	194, 202, 221
RGB Percent	76%, 79%, 87%
CMY	0.2393, 0.2078, 0.1334
CMYK	0.12, 0.09, 0.00, 0.13
HSL	222°, 28%, 81%
HSV	222°, 12%, 87%
XYZ	56.4138, 58.9309, 76.8004
YIQ	201.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

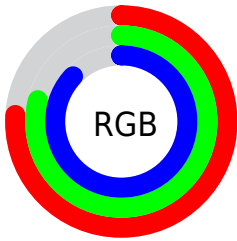
Format	Color
RYB	194, 200, 221
Decimal	12765917
CIELab	81.25, 1.00, -10.35
CIELCh	81, 10.401, 275.516
Yxy	58.9309, 0.2936, 0.3067
Android (android.graphics.Color)	4290955997 (0xFFC2CADD)
YUV	201.7740, 9.4784, -6.8178
Hunter-Lab	76.7665, -3.1660, -5.5797

Details

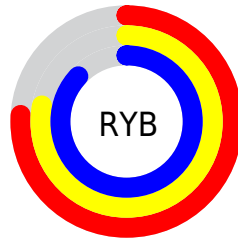
The Yxy color **58.9309, 0.2936, 0.3067** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8298, 0.3320, 0.3504**, and the grayscale version is **58.8584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.5084, 0.2884, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **49.3007, 0.2767, 0.2860**, and if you desaturate by 10%, it is **69.7337, 0.3094, 0.3252**.

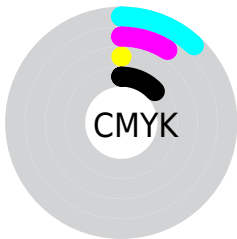
Distribution



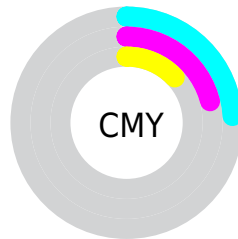
- Red (76%)
- Green (79%)
- Blue (87%)



- Red (76%)
- Yellow (78%)
- Blue (87%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9309, 0.2936, 0.3067 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 58.9309, 0.2936, 0.3067 by changing the saturation by 10% instead.

■ 58.9309, 0.2936,
0.3067

■ 58.9309, 0.2936,
0.3067

420.6458, 0.3028,
0.3174

■ 42.5575, 0.2914,
0.3042

■ 103.2772, 0.2968,
0.3105

■ 29.5381, 0.2887,
0.3010

132.0189, 0.2981,
0.3119

■ 19.4882, 0.2852,
0.2969

165.6522, 0.2991,
0.3131

■ 12.0236, 0.2804,
0.2915

204.5614, 0.3001,
0.3142

■ 6.7598, 0.2737,
0.2838

249.1310, 0.3009,
0.3152

■ 3.3123, 0.2636,
0.2722

299.7453, 0.3016,

■ 1.2969, 0.2466,

0.3160

0.2529

356.7888, 0.3022,
0.3167

0.1388, 0.1336,
0.1186

0.0000, 0.0000,
0.0000

58.9309, 0.2936,
0.3067

58.9309, 0.2936,
0.3067

49.3007, 0.2767,
0.2860

69.7337, 0.3094,
0.3252

40.7952, 0.2588,
0.2630

81.7404, 0.3239,
0.3415

33.3735, 0.2405,
0.2381

93.9761, 0.3336,
0.3561

26.9897, 0.2222,
0.2118

97.9999, 0.3328,
0.3621

■ 21.5942, 0.2047,
0.1849

■ 17.1329, 0.1890,
0.1583

■ 13.5455, 0.1758,
0.1335

■ 10.7636, 0.1659,
0.1117

■ 9.0866, 0.1604,
0.0973

Harmonies

Analogous

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



58.9309, 0.2875, 0.3120



58.9309, 0.2936, 0.3067



58.9309, 0.3049, 0.3073

Triad

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



58.9309, 0.2936, 0.3067



58.9309, 0.3382, 0.3351



58.9309, 0.3066, 0.3455

Complementary

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



58.9309, 0.2936, 0.3067



66.8298, 0.3320, 0.3504

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.



58.9309, 0.3202, 0.3519



58.9309, 0.2936, 0.3067



58.9309, 0.3386, 0.3455

Square

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



58.9309, 0.2936, 0.3067



58.9309, 0.3307, 0.3234



58.9309, 0.3319, 0.3517



58.9309, 0.2949, 0.3344

Rectangle

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



58.9309, 0.2936, 0.3067



58.9309, 0.3139, 0.3108



58.9309, 0.3319, 0.3517



58.9309, 0.3111, 0.3483

Sweetspot

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



58.9334, 0.2936, 0.3067



93.6296, 0.3066, 0.3220



67.9723, 0.2991, 0.3384



19.7906, 0.3054, 0.3207



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.



58.9334, 0.2936, 0.3067



77.4914, 0.2888, 0.3009



55.9871, 0.2975, 0.2974



13.2455, 0.2981, 0.3121



5.4519, 0.1611, 0.0999



0.5014, 0.1702, 0.1326

Inverse Universe

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



58.2086, 0.3285, 0.3199



76.3655, 0.3328, 0.3177



70.1380, 0.3269, 0.3595



13.1150, 0.3245, 0.3221



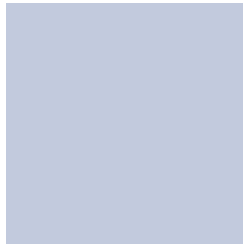
9.1741, 0.5760, 0.2947



0.6093, 0.5292, 0.2689

Previews

White Background



This preview shows how the Yxy color 58.9309, 0.2936, 0.3067 looks on a white background.

Color Contrast Check

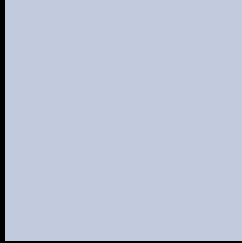
Large Text (above 18pt) WCAG AA × Fail

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 58.9309, 0.2936, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

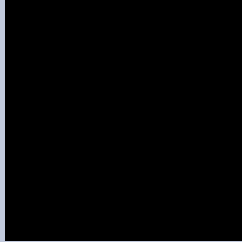
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

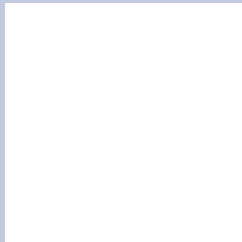
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9309, 0.2936, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 58.9309, 0.2936, 0.3067.



This preview shows how white text looks on a background with the Yxy color 58.9309, 0.2936, 0.3067.

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

58.9309, 0.2936, 0.3067

Protanopia

58.7552, 0.2986, 0.3057

Deuteranopia

58.7508, 0.3063, 0.2996



Tritanopia

58.7723, 0.2956, 0.3101

Trichromacy



Original Color

58.9309, 0.2936, 0.3067

Protanomaly

58.9464, 0.2972, 0.3068

Deuteranomaly

58.6412, 0.3010, 0.3014

Tritanomaly

58.8249, 0.2949, 0.3090

Monochromacy



Original Color

58.9309, 0.2936, 0.3067

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9866, 0.3055, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9309, 0.2936, 0.3067 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, 202, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 221)  
}
```

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, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 221) }
```

Border

The CSS property to change the border of an element to Yxy 58.9309, 0.2936, 0.3067 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, 202, 221) }
```

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

```
.border{ border-color:rgb(194, 202, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 202, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 202, 221); box-shadow:4px 4px 4px 4px rgb(194, 202, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9309, 0.2936, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 221) }
```

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

```
.background{ background-color: rgb(194,  
202, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor