

Converting Colors

Yxy(57.8462, 0.2901, 0.2963)

Have a look what the booklet for
Yxy(57.8462, 0.2901, 0.2963)
contains.

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Color

Yxy(57.9950, 0.2903, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7E3
RGB	195, 199, 227
RGB Percent	76%, 78%, 89%
CMY	0.2351, 0.2196, 0.1098
CMYK	0.14, 0.12, 0.00, 0.11
HSL	233°, 36%, 83%
HSV	233°, 14%, 89%
XYZ	56.8014, 57.9950, 80.8682
YIQ	200.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

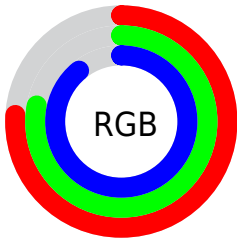
Format	Color
R _Y B	195, 199, 227
Decimal	12830691
CIE Lab	80.74, 4.19, -14.33
CIE LCh	81, 14.935, 286.297
Yxy	57.9950, 0.2903, 0.2964
Android (android.graphics.Color)	4291020771 (0xFFC3C7E3)
YUV	200.9960, 12.8200, -5.2585
Hunter-Lab	76.1544, -0.1322, -9.6518

Details

The Yxy color **57.9950, 0.2903, 0.2964** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0713, 0.3343, 0.3596**, and the grayscale version is **58.3352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **28.8921, 0.2840, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **46.6356, 0.2723, 0.2697**, and if you desaturate by 10%, it is **71.0156, 0.3066, 0.3202**.

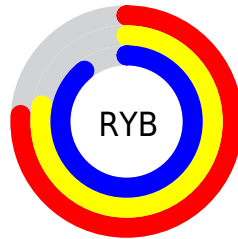
Distribution



Red (76%)

Green (78%)

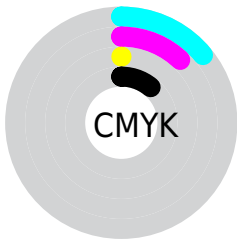
Blue (89%)



Red (76%)

Yellow (78%)

Blue (89%)

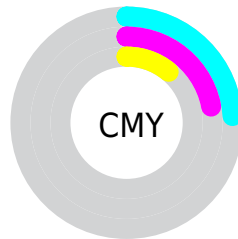


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9950, 0.2903, 0.2964 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 57.9950, 0.2903, 0.2964 by changing the saturation by 10% instead.

■ 57.9950, 0.2903,
0.2964

■ 57.9950, 0.2903,
0.2964

■ 417.1673, 0.3011,
0.3119

■ 41.8046, 0.2877,
0.2928

■ 101.9156, 0.2941,
0.3019

■ 28.9483, 0.2845,
0.2882

■ 130.4146, 0.2956,
0.3040

■ 19.0417, 0.2803,
0.2824

■ 163.7852, 0.2968,
0.3057

■ 11.7004, 0.2747,
0.2746

■ 202.4120, 0.2979,
0.3073

■ 6.5400, 0.2667,
0.2638

■ 246.6791, 0.2989,
0.3087

■ 3.1762, 0.2547,
0.2478

■ 296.9711, 0.2997,

■ 1.2244, 0.2345,

0.3099

0.2217

353.6724, 0.3004,
0.3109

0.0815, 0.1324,
0.0600

0.0000, 0.0000,
0.0000

57.9950, 0.2903,
0.2964

57.9950, 0.2903,
0.2964

46.6356, 0.2723,
0.2697

71.0156, 0.3066,
0.3202

36.8634, 0.2530,
0.2403

85.7530, 0.3211,
0.3410

28.6095, 0.2327,
0.2088

98.3257, 0.3292,
0.3562

21.7972, 0.2125,
0.1764

■ 16.3429, 0.1934,
0.1448

■ 12.1544, 0.1767,
0.1161

■ 9.1278, 0.1638,
0.0923

■ 7.1419, 0.1554,
0.0750

■ 6.3790, 0.1522,
0.0680

Harmonies

Analogous

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



57.9950, 0.2786, 0.3008



57.9950, 0.2903, 0.2964



57.9950, 0.3082, 0.3003

Triad

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



57.9950, 0.2903, 0.2964



57.9950, 0.3510, 0.3432



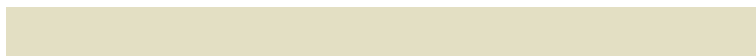
57.9950, 0.2972, 0.3477

Complementary

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



57.9950, 0.2903, 0.2964



73.0713, 0.3343, 0.3596

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.



57.9950, 0.3163, 0.3600



57.9950, 0.2903, 0.2964



57.9950, 0.3477, 0.3567

Square

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



57.9950, 0.2903, 0.2964



57.9950, 0.3437, 0.3267



57.9950, 0.3349, 0.3632



57.9950, 0.2825, 0.3302

Rectangle

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



57.9950, 0.2903, 0.2964



57.9950, 0.3214, 0.3070



57.9950, 0.3349, 0.3632



57.9950, 0.3033, 0.3527

Sweetspot

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



57.9974, 0.2903, 0.2964



92.5451, 0.3067, 0.3203



71.8562, 0.2939, 0.3338



19.5171, 0.3055, 0.3186



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.



57.9974, 0.2903, 0.2964



70.7951, 0.2850, 0.2886



57.8263, 0.2989, 0.2926



14.1727, 0.2980, 0.3077



3.8108, 0.1526, 0.0695



0.3759, 0.1581, 0.0893

Inverse Universe

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



59.5030, 0.3356, 0.3246



73.1824, 0.3415, 0.3237



73.3664, 0.3253, 0.3647



14.3968, 0.3273, 0.3261



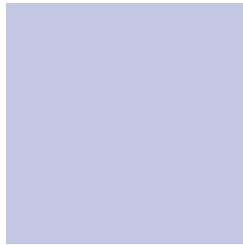
9.5824, 0.6241, 0.3212



0.7176, 0.5923, 0.3037

Previews

White Background



This preview shows how the Yxy color 57.9950, 0.2903, 0.2964 looks on a white background.

Color Contrast Check

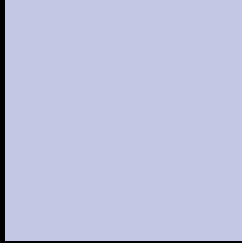
Large Text (above 18pt) WCAG AA × Fail

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 57.9950, 0.2903, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

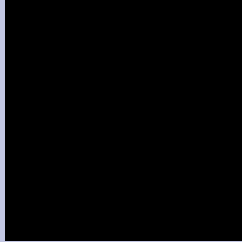
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

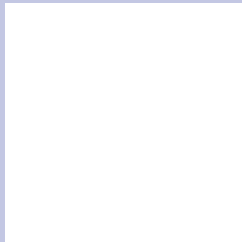
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9950, 0.2903, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 57.9950, 0.2903, 0.2964.



This preview shows how white text looks on a background with the Yxy color 57.9950, 0.2903, 0.2964.

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

57.9950, 0.2903, 0.2964

Protanopia

58.1287, 0.2910, 0.2965

Deuteranopia

57.8970, 0.2983, 0.2915



Tritanopia

58.1205, 0.2955, 0.3100

Trichromacy



Original Color

57.9950, 0.2903, 0.2964

Protanomaly

58.1287, 0.2910, 0.2965

Deuteranomaly

57.7778, 0.2954, 0.2924

Tritanomaly

57.9983, 0.2936, 0.3043

Monochromacy



Original Color

57.9950, 0.2903, 0.2964

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1038, 0.3048, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9950, 0.2903, 0.2964 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(195, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 227)  
}
```

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(195, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 227) }
```

Border

The CSS property to change the border of an element to Yxy 57.9950, 0.2903, 0.2964 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(195, 199, 227) }
```

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

```
.border{ border-color:rgb(195, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9950, 0.2903, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 227) }
```

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

```
.background{ background-color: rgb(195,  
199, 227) }
```

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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