

Converting Colors

$Yxy(57.6064, 0.2672, 0.2704)$

Have a look what the booklet for
Yxy(57.6064, 0.2672, 0.2704)
contains.

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Color

Yxy(57.6941, 0.2672, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	B6C7FA
RGB	182, 199, 250
RGB Percent	71%, 78%, 98%
CMY	0.2862, 0.2196, 0.0198
CMYK	0.27, 0.20, 0.00, 0.02
HSL	225°, 87%, 85%
HSV	225°, 27%, 98%
XYZ	56.9692, 57.6941, 98.5448
YIQ	199.7310, -26.5030, 12.2570

Conversions

Conversions Part 2

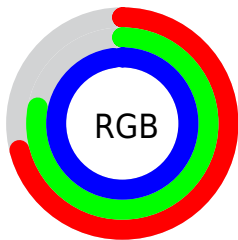
Format	Color
RYB	182, 196, 250
Decimal	11978746
CIELab	80.57, 5.33, -26.96
CIElCh	81, 27.483, 281.178
Yxy	57.6941, 0.2672, 0.2706
Android (android.graphics.Color)	4290168826 (0xFFB6C7FA)
YUV	199.7310, 24.7826, -15.5501
Hunter-Lab	75.9566, 0.9549, -23.7521

Details

The Yxy color **57.6941, 0.2672, 0.2706** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9647, 0.3581, 0.3813**, and the grayscale version is **57.4447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **28.6902, 0.2562, 0.2566** is the 20% darker color. If you saturate the color by 10%, you get **46.8160, 0.2485, 0.2447**, and if you desaturate by 10%, it is **70.1830, 0.2850, 0.2942**.

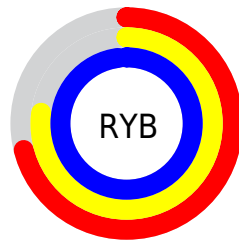
Distribution



Red (71%)

Green (78%)

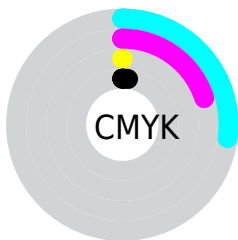
Blue (98%)



Red (71%)

Yellow (77%)

Blue (98%)

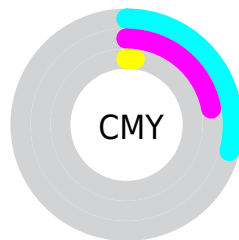


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6941, 0.2672, 0.2706 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 57.6941, 0.2672, 0.2706 by changing the saturation by 10% instead.

■ 57.6941, 0.2672,
0.2706

■ 57.6941, 0.2672,
0.2706

416.0451, 0.2889,
0.2980

■ 41.5628, 0.2621,
0.2643

■ 101.4773, 0.2748,
0.2802

■ 28.7591, 0.2558,
0.2565

129.8979, 0.2778,
0.2839

■ 18.8986, 0.2477,
0.2466

163.1837, 0.2803,
0.2870

■ 11.5971, 0.2370,
0.2337

201.7192, 0.2825,
0.2898

■ 6.4699, 0.2224,
0.2163

245.8887, 0.2844,
0.2922

■ 3.1329, 0.2012,
0.1916

296.0766, 0.2861,

■ 1.2015, 0.1688,

0.2944

0.1549

352.6672, 0.2876,
0.2963

0.0629, 0.0735,
0.0244

0.0000, 0.0000,
0.0000

57.6941, 0.2672,
0.2706

57.6941, 0.2672,
0.2706

46.8160, 0.2485,
0.2447

70.1830, 0.2850,
0.2942

37.4744, 0.2294,
0.2171

84.3391, 0.3016,
0.3153

29.5994, 0.2107,
0.1884

99.6798, 0.3156,
0.3338

23.1122, 0.1934,
0.1600

■ 17.9264, 0.1785,
0.1332

■ 13.9445, 0.1669,
0.1097

■ 11.0503, 0.1590,
0.0906

■ 10.3963, 0.1573,
0.0861

Harmonies

Analogous

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



57.6941, 0.2493, 0.2798



57.6941, 0.2672, 0.2706



57.6941, 0.2977, 0.2757

Triad

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



57.6941, 0.2672, 0.2706



57.6941, 0.3830, 0.3484



57.6941, 0.2893, 0.3694

Complementary

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



57.6941, 0.2672, 0.2706



81.9647, 0.3581, 0.3813

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.



57.6941, 0.3245, 0.3901



57.6941, 0.2672, 0.2706



57.6941, 0.3797, 0.3750

Square

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



57.6941, 0.2672, 0.2706



57.6941, 0.3660, 0.3190



57.6941, 0.3579, 0.3913



57.6941, 0.2614, 0.3362

Rectangle

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



57.6941, 0.2672, 0.2706



57.6941, 0.3219, 0.2861



57.6941, 0.3579, 0.3913



57.6941, 0.3006, 0.3782

Sweetspot

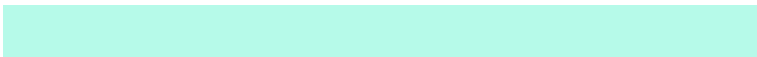
The Sweet Spot groups the original color and five complimentary colors.



57.6964, 0.2672, 0.2706



86.9568, 0.3003, 0.3137



84.1784, 0.2816, 0.3477



18.1152, 0.2979, 0.3106



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.



57.6964, 0.2672, 0.2706



53.5078, 0.2563, 0.2557



52.5093, 0.2772, 0.2530



17.3477, 0.2979, 0.3107



5.7068, 0.1580, 0.0886



0.6891, 0.1641, 0.1105

Inverse Universe

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



57.9069, 0.3571, 0.3112



54.1296, 0.3704, 0.3072



89.0468, 0.3422, 0.3998



17.2964, 0.3254, 0.3231



10.9870, 0.5934, 0.3042



1.0338, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 57.6941, 0.2672, 0.2706 looks on a white background.

Color Contrast Check

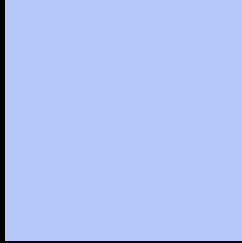
Large Text (above 18pt) WCAG AA × Fail

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 57.6941, 0.2672, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

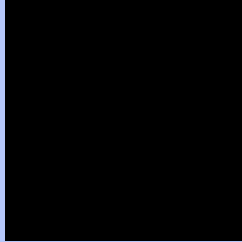
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6941, 0.2672, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 57.6941, 0.2672, 0.2706.



This preview shows how white text looks on a background with the Yxy color 57.6941, 0.2672, 0.2706.

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

57.6941, 0.2672, 0.2706

Protanopia

57.7925, 0.2709, 0.2709

Deuteranopia

57.7823, 0.2735, 0.2672



Tritanopia

57.6363, 0.2811, 0.3083

Trichromacy



Original Color

57.6941, 0.2672, 0.2706

Protanomaly

57.5420, 0.2696, 0.2707

Deuteranomaly

57.7164, 0.2709, 0.2679

Tritanomaly

57.5322, 0.2755, 0.2933

Monochromacy



Original Color

57.6941, 0.2672, 0.2706

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7080, 0.2948, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6941, 0.2672, 0.2706 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(182, 199, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 250)  
}
```

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(182, 199, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 250) }
```

Border

The CSS property to change the border of an element to Yxy 57.6941, 0.2672, 0.2706 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(182, 199, 250) }
```

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

```
.border{ border-color:rgb(182, 199, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6941, 0.2672, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 250) }
```

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

```
.background{ background-color: rgb(182,  
199, 250) }
```

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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