

Converting Colors

Yxy(57.6944, 0.2613, 0.2670)

Have a look what the booklet for
Yxy(57.6944, 0.2613, 0.2670)
contains.

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Color

Yxy(57.6944, 0.2613, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	B0C8FE
RGB	176, 200, 254
RGB Percent	69%, 78%, 100%
CMY	0.3095, 0.2158, 0.0039
CMYK	0.31, 0.21, 0.00, 0.00
HSL	222°, 98%, 84%
HSV	222°, 31%, 100%
XYZ	56.4627, 57.6944, 101.9268
YIQ	198.9800, -31.6380, 11.7060

Conversions

Conversions Part 2

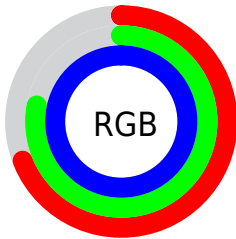
Format	Color
RYB	176, 194, 254
Decimal	11585790
CIELab	80.57, 4.07, -29.15
CIElCh	81, 29.433, 277.956
Yxy	57.6944, 0.2613, 0.2670
Android (android.graphics.Color)	4289775870 (0xFFB0C8FE)
YUV	198.9800, 27.1249, -20.1535
Hunter-Lab	75.9568, -0.2360, -26.3917

Details

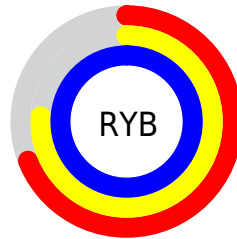
The Yxy color **57.6944, 0.2613, 0.2670** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.8640, 0.3659, 0.3840**, and the grayscale version is **56.9559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **28.6539, 0.2483, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **47.3136, 0.2429, 0.2425**, and if you desaturate by 10%, it is **69.5734, 0.2791, 0.2895**.

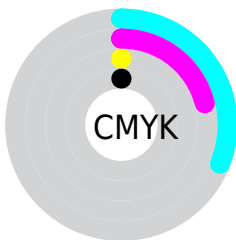
Distribution



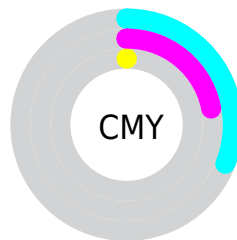
- Red (69%)
- Green (78%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6944, 0.2613, 0.2670 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 57.6944, 0.2613, 0.2670 by changing the saturation by 10% instead.

■ 57.6944, 0.2613,
0.2670

■ 57.6944, 0.2613,
0.2670

416.0462, 0.2857,
0.2961

■ 41.5630, 0.2556,
0.2603

■ 101.4777, 0.2699,
0.2771

■ 28.7593, 0.2486,
0.2521

129.8984, 0.2732,
0.2811

■ 18.8988, 0.2396,
0.2416

163.1843, 0.2760,
0.2844

■ 11.5972, 0.2278,
0.2281

201.7199, 0.2785,
0.2874

■ 6.4700, 0.2118,
0.2098

245.8895, 0.2806,
0.2900

■ 3.1329, 0.1889,
0.1841

296.0775, 0.2825,

■ 1.2015, 0.1546,

0.2922

0.1465

352.6682, 0.2842,
0.2943

0.0629, 0.0561,
0.0222

0.0000, 0.0000,
0.0000

57.6944, 0.2613,
0.2670

57.6944, 0.2613,
0.2670

47.3136, 0.2429,
0.2425

69.5734, 0.2791,
0.2895

38.3614, 0.2246,
0.2164

83.0025, 0.2960,
0.3098

30.7726, 0.2070,
0.1896

98.0395, 0.3117,
0.3279

24.4738, 0.1910,
0.1630

99.9359, 0.3133,
0.3300

■ 19.3832, 0.1775,
0.1379

■ 15.4079, 0.1673,
0.1156

■ 12.5892, 0.1606,
0.0981

Harmonies

Analogous

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



57.6944, 0.2440, 0.2783



57.6944, 0.2613, 0.2670



57.6944, 0.2926, 0.2710

Triad

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



57.6944, 0.2613, 0.2670



57.6944, 0.3871, 0.3461



57.6944, 0.2914, 0.3757

Complementary

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



57.6944, 0.2613, 0.2670



80.8640, 0.3659, 0.3840

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.



57.6944, 0.3293, 0.3959



57.6944, 0.2613, 0.2670



57.6944, 0.3858, 0.3753

Square

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



57.6944, 0.2613, 0.2670



57.6944, 0.3667, 0.3149



57.6944, 0.3642, 0.3946



57.6944, 0.2604, 0.3407

Rectangle

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



57.6944, 0.2613, 0.2670



57.6944, 0.3182, 0.2812



57.6944, 0.3642, 0.3946



57.6944, 0.3037, 0.3846

Sweetspot

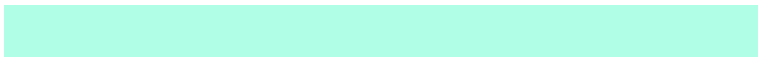
The Sweet Spot groups the original color and five complimentary colors.



57.6967, 0.2613, 0.2670



86.1686, 0.2987, 0.3130



85.8010, 0.2806, 0.3564



17.9918, 0.2963, 0.3102



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.



57.6967, 0.2613, 0.2670



51.4073, 0.2497, 0.2517



49.2371, 0.2679, 0.2409



18.2861, 0.2979, 0.3120



6.8645, 0.1614, 0.1009



0.8519, 0.1675, 0.1229

Inverse Universe

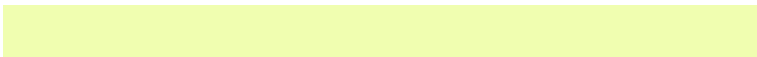
The Inverse Universe completely reimagines the original color for something new.



56.3263, 0.3610, 0.3042



50.3271, 0.3752, 0.2989



92.4989, 0.3495, 0.4085



18.0788, 0.3246, 0.3217



11.4209, 0.5745, 0.2938



1.1305, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 57.6944, 0.2613, 0.2670 looks on a white background.

Color Contrast Check

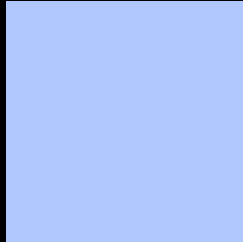
Large Text (above 18pt) WCAG AA × Fail

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 57.6944, 0.2613, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

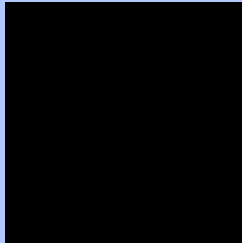
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

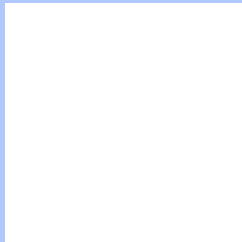
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6944, 0.2613, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 57.6944, 0.2613, 0.2670.



This preview shows how white text looks on a background with the Yxy color 57.6944, 0.2613, 0.2670.

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

57.6944, 0.2613, 0.2670

Protanopia

57.3999, 0.2684, 0.2666

Deuteranopia

57.6470, 0.2692, 0.2629



Tritanopia

57.8516, 0.2760, 0.3093

Trichromacy



Original Color

57.6944, 0.2613, 0.2670

Protanomaly

57.4251, 0.2653, 0.2663

Deuteranomaly

57.4668, 0.2660, 0.2634

Tritanomaly

57.8969, 0.2706, 0.2931

Monochromacy



Original Color

57.6944, 0.2613, 0.2670

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0377, 0.2927, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6944, 0.2613, 0.2670 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(176, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(176, 200, 254)  
}
```

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(176, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 200, 254) }
```

Border

The CSS property to change the border of an element to Yxy 57.6944, 0.2613, 0.2670 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(176, 200, 254) }
```

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

```
.border{ border-color:rgb(176, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 200, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 200, 254); box-shadow:4px 4px 4px 4px rgb(176, 200, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6944, 0.2613, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 200, 254) }
```

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

```
.background{ background-color: rgb(176,  
200, 254) }
```

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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