

Converting Colors

$Yxy(54.9786, 0.2677, 0.2616)$

Have a look what the booklet for
Yxy(54.9786, 0.2677, 0.2616)
contains.

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Color

Yxy(54.9786, 0.2677, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	B9C0FB
RGB	185, 192, 251
RGB Percent	73%, 75%, 98%
CMY	0.2747, 0.2470, 0.0156
CMYK	0.26, 0.24, 0.00, 0.02
HSL	234°, 89%, 85%
HSV	234°, 26%, 98%
XYZ	56.2606, 54.9786, 98.9237
YIQ	196.6330, -23.1110, 16.8650

Conversions

Conversions Part 2

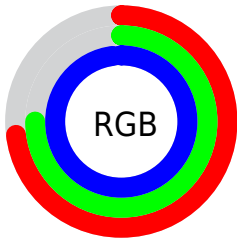
Format	Color
R _Y B	185, 191, 251
Decimal	12173563
CIE Lab	79.03, 10.21, -29.86
CIE LCh	79, 31.560, 288.872
Yxy	54.9786, 0.2677, 0.2616
Android (android.graphics.Color)	4290363643 (0xFFB9C0FB)
YUV	196.6330, 26.8029, -10.2021
Hunter-Lab	74.1476, 5.6814, -27.1982

Details

The Yxy color **54.9786, 0.2677, 0.2616** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.6757, 0.3543, 0.3885**, and the grayscale version is **55.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2320, 0.3049, 0.3221**, and **27.1856, 0.2568, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **43.0252, 0.2478, 0.2309**, and if you desaturate by 10%, it is **68.9862, 0.2862, 0.2897**.

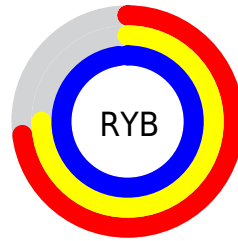
Distribution



Red (73%)

Green (75%)

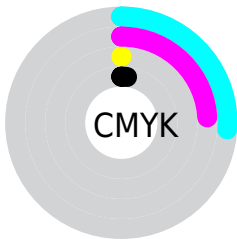
Blue (98%)



Red (73%)

Yellow (75%)

Blue (98%)

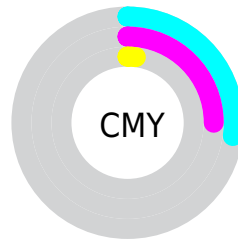


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9786, 0.2677, 0.2616 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 54.9786, 0.2677, 0.2616 by changing the saturation by 10% instead.

■ 54.9786, 0.2677,
0.2616

■ 54.9786, 0.2677,
0.2616

405.8308, 0.2894,
0.2931

■ 39.3846, 0.2626,
0.2544

■ 97.5096, 0.2754,
0.2726

■ 27.0590, 0.2561,
0.2455

125.2154, 0.2783,
0.2768

■ 17.6176, 0.2478,
0.2342

157.7272, 0.2809,
0.2805

■ 10.6758, 0.2369,
0.2196

195.4295, 0.2830,
0.2837

■ 5.8493, 0.2217,
0.2000

238.7066, 0.2850,
0.2865

■ 2.7536, 0.1997,
0.1727

287.9429, 0.2866,

■ 1.0045, 0.1657,

0.2889

0.1330

343.5228, 0.2881,
0.2911

0.0000, 0.0586,
0.0000

0.0000, 0.0000,
0.0000

54.9786, 0.2677,
0.2616

54.9786, 0.2677,
0.2616

43.0252, 0.2478,
0.2309

68.9862, 0.2862,
0.2897

33.0229, 0.2272,
0.1983

85.1316, 0.3030,
0.3147

24.8694, 0.2068,
0.1653

99.7459, 0.3150,
0.3328

18.4507, 0.1880,
0.1339

■ 13.6397, 0.1721,
0.1062

■ 10.2918, 0.1603,
0.0843

■ 8.2351, 0.1533,
0.0696

■ 7.7444, 0.1517,
0.0660

Harmonies

Analogous

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



54.9786, 0.2430, 0.2675



54.9786, 0.2677, 0.2616



54.9786, 0.3057, 0.2715

Triad

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



54.9786, 0.2677, 0.2616



54.9786, 0.3962, 0.3594



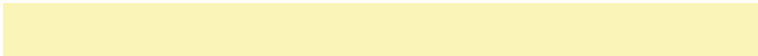
54.9786, 0.2758, 0.3673

Complementary

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



54.9786, 0.2677, 0.2616



88.6757, 0.3543, 0.3885

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.



54.9786, 0.3153, 0.3969



54.9786, 0.2677, 0.2616



54.9786, 0.3859, 0.3885

Square

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



54.9786, 0.2677, 0.2616



54.9786, 0.3822, 0.3256



54.9786, 0.3558, 0.4038



54.9786, 0.2473, 0.3265

Rectangle

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



54.9786, 0.2677, 0.2616



54.9786, 0.3342, 0.2855



54.9786, 0.3558, 0.4038



54.9786, 0.2881, 0.3792

Sweetspot

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



54.9808, 0.2677, 0.2616



85.2580, 0.3003, 0.3107



85.7995, 0.2780, 0.3373



17.6907, 0.2979, 0.3071



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.



54.9808, 0.2677, 0.2616



49.6630, 0.2565, 0.2444



55.3813, 0.2849, 0.2570



16.9421, 0.2979, 0.3071



4.1689, 0.1521, 0.0674



0.4814, 0.1561, 0.0818

Inverse Universe

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



58.9924, 0.3634, 0.3217



54.6839, 0.3787, 0.3200



88.6212, 0.3354, 0.3989



17.2554, 0.3277, 0.3265



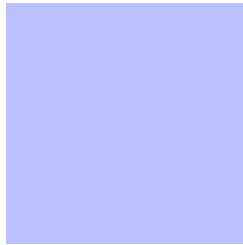
10.8317, 0.6276, 0.3231



1.0128, 0.6041, 0.3102

Previews

White Background



This preview shows how the Yxy color 54.9786, 0.2677, 0.2616 looks on a white background.

Color Contrast Check

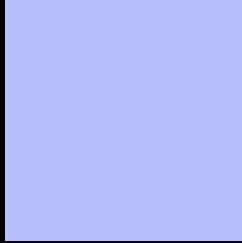
Large Text (above 18pt) WCAG AA × Fail

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 54.9786, 0.2677, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

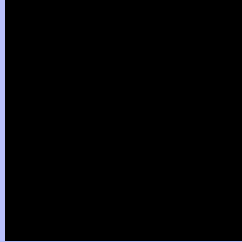
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9786, 0.2677, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 54.9786, 0.2677, 0.2616.

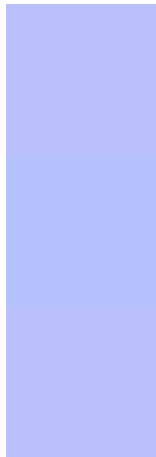


This preview shows how white text looks on a background with the Yxy color 54.9786, 0.2677, 0.2616.

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

54.9786, 0.2677, 0.2616

Protanopia

54.8715, 0.2640, 0.2612

Deuteranopia

54.9786, 0.2677, 0.2616



Tritanopia

55.1669, 0.2866, 0.3105

Trichromacy



Original Color

54.9786, 0.2677, 0.2616

Protanomaly

55.1133, 0.2653, 0.2614

Deuteranomaly

54.9786, 0.2677, 0.2616

Tritanomaly

54.8497, 0.2801, 0.2918

Monochromacy



Original Color

54.9786, 0.2677, 0.2616

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3774, 0.2954, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9786, 0.2677, 0.2616 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(185, 192, 251)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 251)  
}
```

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(185, 192, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 251) }
```

Border

The CSS property to change the border of an element to Yxy 54.9786, 0.2677, 0.2616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

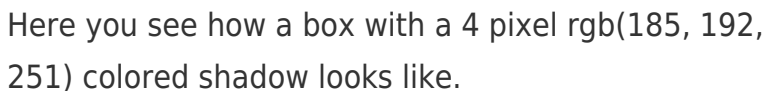
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 192, 251) }
```

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

```
.border{ border-color:rgb(185, 192, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 192, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 251);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9786, 0.2677, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 251) }
```

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

```
.background{ background-color: rgb(185,  
192, 251) }
```

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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