

Converting Colors

Yxy(52.8694, 0.2718, 0.2543)

Have a look what the booklet for
Yxy(52.8694, 0.2718, 0.2543)
contains.

Yxy(52.8694, 0.2718, 0.2543)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8694, 0.2718, 0.2543)

Conversions

Conversions Part 1

Format	Color
Hex	C0B9FB
RGB	192, 185, 251
RGB Percent	75%, 73%, 98%
CMY	0.2470, 0.2745, 0.0155
CMYK	0.24, 0.26, 0.00, 0.02
HSL	246°, 89%, 85%
HSV	246°, 26%, 98%
XYZ	56.5077, 52.8694, 98.5246
YIQ	194.6170, -17.0140, 22.0100

Conversions

Conversions Part 2

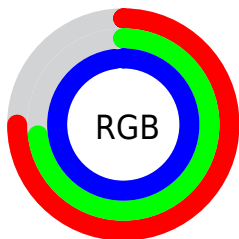
Format	Color
R _Y B	192, 185, 251
Decimal	12630523
CIE Lab	77.80, 16.13, -31.72
CIE LCh	78, 35.589, 296.948
Yxy	52.8694, 0.2718, 0.2543
Android (android.graphics.Color)	4290820603 (0xFFC0B9FB)
YUV	194.6170, 27.7968, -2.2951
Hunter-Lab	72.7113, 11.4766, -29.4406

Details

The Yxy color **52.8694, 0.2718, 0.2543** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.7565, 0.3478, 0.3960**, and the grayscale version is **54.1761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2703, 0.3095, 0.3154**, and **25.7159, 0.2608, 0.2369** is the 20% darker color. If you saturate the color by 10%, you get **40.5707, 0.2529, 0.2208**, and if you desaturate by 10%, it is **67.4729, 0.2890, 0.2852**.

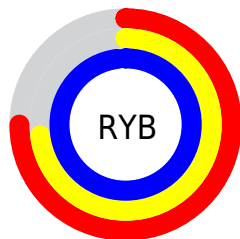
Distribution



Red (75%)

Green (73%)

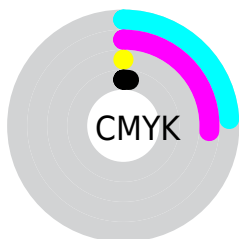
Blue (98%)



Red (75%)

Yellow (73%)

Blue (98%)

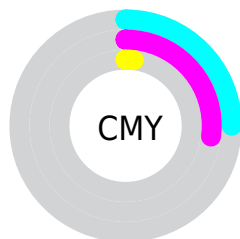


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8694, 0.2718, 0.2543 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 52.8694, 0.2718, 0.2543 by changing the saturation by 10% instead.

■ 52.8694, 0.2718,
0.2543

■ 52.8694, 0.2718,
0.2543

■ 397.7839, 0.2919,
0.2891

■ 37.6985, 0.2670,
0.2464

■ 94.4122, 0.2790,
0.2664

■ 25.7488, 0.2609,
0.2366

■ 121.5528, 0.2817,
0.2710

■ 16.6358, 0.2530,
0.2244

■ 153.4522, 0.2840,
0.2751

■ 9.9752, 0.2425,
0.2086

■ 190.4948, 0.2860,
0.2786

■ 5.3825, 0.2279,
0.1875

■ 233.0648, 0.2878,
0.2817

■ 2.4734, 0.2063,
0.1584

■ 281.5467, 0.2893,

■ 0.8633, 0.1724,

0.2844

0.1170

336.3249, 0.2907,
0.2869

0.0000, 0.0650,
0.0000

0.0000, 0.0000,
0.0000

52.8694, 0.2718,
0.2543

52.8694, 0.2718,
0.2543

40.5707, 0.2529,
0.2208

67.4729, 0.2890,
0.2852

30.4528, 0.2328,
0.1860

84.4841, 0.3042,
0.3131

22.3897, 0.2124,
0.1516

99.7475, 0.3150,
0.3328

16.2397, 0.1930,
0.1199

■ 11.8435, 0.1762,
0.0936

■ 9.0151, 0.1633,
0.0747

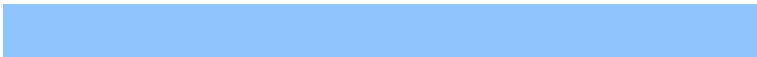
■ 7.5257, 0.1550,
0.0640

■ 7.1965, 0.1529,
0.0616

Harmonies

Analogous

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



52.8694, 0.2395, 0.2556



52.8694, 0.2718, 0.2543



52.8694, 0.3175, 0.2698

Triad

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



52.8694, 0.2718, 0.2543



52.8694, 0.4075, 0.3725



52.8694, 0.2602, 0.3607

Complementary

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



52.8694, 0.2718, 0.2543



91.7565, 0.3478, 0.3960

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.



52.8694, 0.3024, 0.4005



52.8694, 0.2718, 0.2543



52.8694, 0.3885, 0.4030

Square

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



52.8694, 0.2718, 0.2543



52.8694, 0.3992, 0.3348



52.8694, 0.3495, 0.4155



52.8694, 0.2330, 0.3133

Rectangle

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



52.8694, 0.2718, 0.2543



52.8694, 0.3500, 0.2877



52.8694, 0.3495, 0.4155



52.8694, 0.2730, 0.3758

Sweetspot

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



52.8715, 0.2718, 0.2543



84.3729, 0.3017, 0.3086



82.2440, 0.2735, 0.3217



17.4702, 0.2995, 0.3045



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.



52.8715, 0.2718, 0.2543



47.2158, 0.2612, 0.2354



57.6091, 0.2956, 0.2592



16.7314, 0.2995, 0.3046



3.8106, 0.1536, 0.0620



0.3811, 0.1608, 0.0660

Inverse Universe

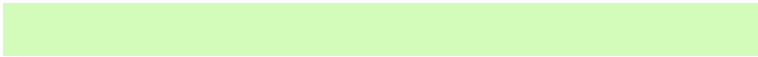
The Inverse Universe completely reimagines the original color for something new.



61.7439, 0.3210, 0.2698



57.9742, 0.3232, 0.2569



86.4309, 0.3259, 0.4010



17.4909, 0.3154, 0.3081



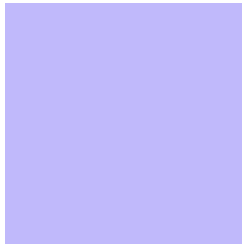
13.6310, 0.3497, 0.1700



1.2713, 0.3458, 0.1679

Previews

White Background



This preview shows how the Yxy color 52.8694, 0.2718, 0.2543 looks on a white background.

Color Contrast Check

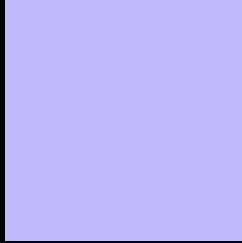
Large Text (above 18pt) WCAG AA × Fail

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 52.8694, 0.2718, 0.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

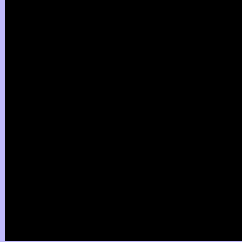
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8694, 0.2718, 0.2543

Background



This preview shows how black text looks on a background with the Yxy color 52.8694, 0.2718, 0.2543.

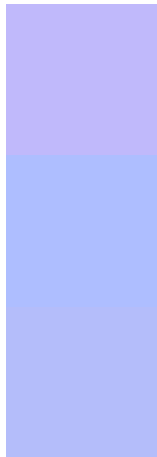


This preview shows how white text looks on a background with the Yxy color 52.8694, 0.2718, 0.2543.

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

52.8694, 0.2718, 0.2543

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

53.0006, 0.2646, 0.2584



Tritanopia

52.8843, 0.2948, 0.3105

Trichromacy



Original Color

52.8694, 0.2718, 0.2543

Protanomaly

52.9460, 0.2629, 0.2534

Deuteranomaly

53.0589, 0.2672, 0.2578

Tritanomaly

52.7735, 0.2860, 0.2882

Monochromacy



Original Color

52.8694, 0.2718, 0.2543

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6372, 0.2975, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8694, 0.2718, 0.2543 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(192, 185, 251)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 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(192, 185, 251) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 52.8694, 0.2718, 0.2543 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(192, 185, 251) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 52.8694, 0.2718, 0.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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