

Converting Colors

Yxy(54.8311, 0.2698, 0.2551)

Have a look what the booklet for
Yxy(54.8311, 0.2698, 0.2551)
contains.

Yxy(54.8217, 0.2698, 0.2551)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8217, 0.2698, 0.2551)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDFF
RGB	192, 189, 255
RGB Percent	75%, 74%, 100%
CMY	0.2470, 0.2588, 0.0001
CMYK	0.25, 0.26, 0.00, 0.00
HSL	243°, 100%, 87%
HSV	243°, 26%, 100%
XYZ	57.9808, 54.8217, 102.1003
YIQ	197.4210, -19.3980, 21.1620

Conversions

Conversions Part 2

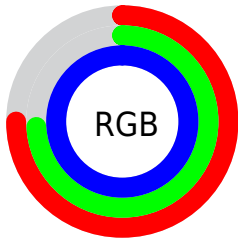
Format	Color
R _Y B	192, 189, 255
Decimal	12631551
CIE Lab	78.94, 14.83, -32.07
CIE LCh	79, 35.335, 294.822
Yxy	54.8217, 0.2698, 0.2551
Android (android.graphics.Color)	4290821631 (0xFFC0BDFF)
YUV	197.4210, 28.3864, -4.7542
Hunter-Lab	74.0417, 10.2074, -29.9292

Details

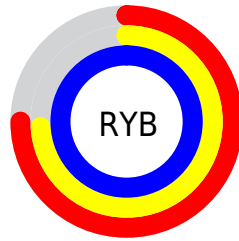
The Yxy color **54.8217, 0.2698, 0.2551** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.8598, 0.3499, 0.3943**, and the grayscale version is **55.9373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6646, 0.3093, 0.3193**, and **27.0039, 0.2585, 0.2381** is the 20% darker color. If you saturate the color by 10%, you get **41.8827, 0.2498, 0.2212**, and if you desaturate by 10%, it is **70.2184, 0.2880, 0.2863**.

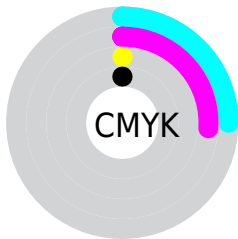
Distribution



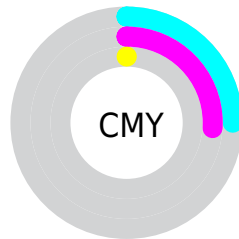
- Red (75%)
- Green (74%)
- Blue (100%)



- Red (75%)
- Yellow (74%)
- Blue (100%)



- Cyan (25%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8217, 0.2698, 0.2551 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 54.8217, 0.2698, 0.2551 by changing the saturation by 10% instead.

■ 54.8217, 0.2698,
0.2551

■ 54.8217, 0.2698,
0.2551

405.2357, 0.2907,
0.2893

■ 39.2590, 0.2648,
0.2473

■ 97.2797, 0.2772,
0.2669

■ 26.9613, 0.2586,
0.2378

124.9437, 0.2800,
0.2716

■ 17.5441, 0.2506,
0.2258

157.4103, 0.2825,
0.2756

■ 10.6232, 0.2400,
0.2104

195.0639, 0.2845,
0.2790

■ 5.8141, 0.2253,
0.1900

238.2888, 0.2864,
0.2821

■ 2.7324, 0.2039,
0.1619

287.4695, 0.2880,

■ 0.9937, 0.1709,

0.2848

0.1220

342.9903, 0.2894,
0.2872

0.0000, 0.0869,
0.0000

0.0000, 0.0000,
0.0000

54.8217, 0.2698,
0.2551

54.8217, 0.2698,
0.2551

41.8827, 0.2498,
0.2212

70.2184, 0.2880,
0.2863

31.2682, 0.2288,
0.1857

88.1838, 0.3042,
0.3142

22.8422, 0.2077,
0.1506

99.9975, 0.3127,
0.3290

16.4520, 0.1881,
0.1184

■ 11.9253, 0.1716,
0.0918

■ 9.0614, 0.1595,
0.0730

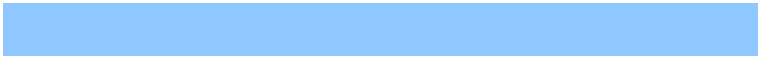
■ 7.6128, 0.1525,
0.0628

■ 7.2926, 0.1509,
0.0605

Harmonies

Analogous

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



54.8217, 0.2392, 0.2576



54.8217, 0.2698, 0.2551



54.8217, 0.3140, 0.2693

Triad

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



54.8217, 0.2698, 0.2551



54.8217, 0.4061, 0.3693



54.8217, 0.2637, 0.3633

Complementary

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



54.8217, 0.2698, 0.2551



95.8598, 0.3499, 0.3943

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.



54.8217, 0.3060, 0.4009



54.8217, 0.2698, 0.2551



54.8217, 0.3892, 0.4001

Square

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



54.8217, 0.2698, 0.2551



54.8217, 0.3959, 0.3321



54.8217, 0.3520, 0.4138



54.8217, 0.2357, 0.3168

Rectangle

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



54.8217, 0.2698, 0.2551



54.8217, 0.3460, 0.2863



54.8217, 0.3520, 0.4138



54.8217, 0.2766, 0.3779

Sweetspot

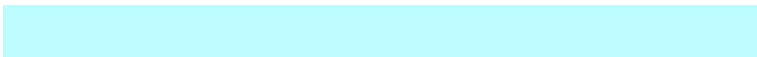
The Sweet Spot groups the original color and five complimentary colors.



54.8239, 0.2698, 0.2551



84.1597, 0.3009, 0.3085



88.1389, 0.2745, 0.3266



17.4171, 0.2985, 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.



54.8239, 0.2698, 0.2551



47.8989, 0.2597, 0.2380



59.4938, 0.2927, 0.2597



17.4171, 0.2985, 0.3045



3.8286, 0.1513, 0.0607



0.3860, 0.1545, 0.0625

Inverse Universe

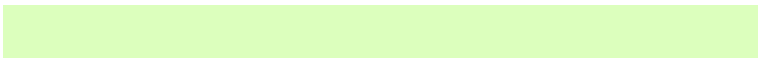
The Inverse Universe completely reimagines the original color for something new.



64.6785, 0.3179, 0.2671



59.2821, 0.3191, 0.2548



90.3527, 0.3285, 0.3991



18.2853, 0.3145, 0.3066



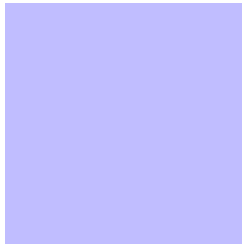
14.5099, 0.3326, 0.1606



1.4170, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 54.8217, 0.2698, 0.2551 looks on a white background.

Color Contrast Check

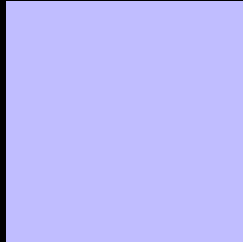
Large Text (above 18pt) WCAG AA × Fail

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 54.8217, 0.2698, 0.2551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

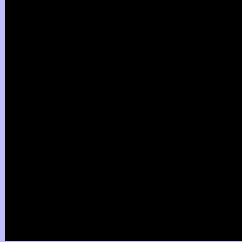
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8217, 0.2698, 0.2551

Background



This preview shows how black text looks on a background with the Yxy color 54.8217, 0.2698, 0.2551.

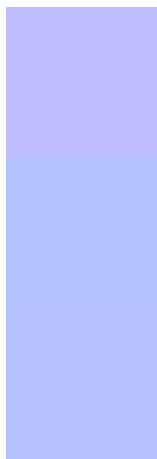


This preview shows how white text looks on a background with the Yxy color 54.8217, 0.2698, 0.2551.

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

54.8217, 0.2698, 0.2551

Protanopia

54.9436, 0.2616, 0.2580

Deuteranopia

54.9223, 0.2647, 0.2583



Tritanopia

54.9269, 0.2915, 0.3095

Trichromacy



Original Color

54.8217, 0.2698, 0.2551

Protanomaly

55.1096, 0.2648, 0.2575

Deuteranomaly

54.8565, 0.2665, 0.2576

Tritanomaly

54.7498, 0.2836, 0.2887

Monochromacy



Original Color

54.8217, 0.2698, 0.2551

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2476, 0.2962, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8217, 0.2698, 0.2551 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, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 255)  
}
```

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, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.8217, 0.2698, 0.2551 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, 189, 255) }
```

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

```
.border{ border-color:rgb(192, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8217, 0.2698, 0.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 255) }
```

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

```
.background{ background-color: rgb(192,  
189, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor