

Converting Colors

$Yxy(54.7927, 0.2745, 0.2673)$

Have a look what the booklet for
Yxy(54.7927, 0.2745, 0.2673)
contains.

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Color

Yxy(54.8013, 0.2747, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	BEBFF5
RGB	190, 191, 245
RGB Percent	75%, 75%, 96%
CMY	0.2547, 0.2510, 0.0391
CMYK	0.22, 0.22, 0.00, 0.04
HSL	239°, 73%, 85%
HSV	239°, 22%, 96%
XYZ	56.3606, 54.8013, 94.0096
YIQ	196.8570, -17.9300, 16.5820

Conversions

Conversions Part 2

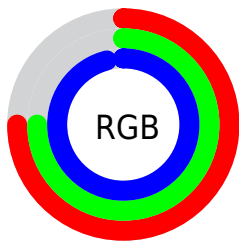
Format	Color
RYB	190, 191, 245
Decimal	12500981
CIELab	78.93, 10.90, -26.78
CIELCh	79, 28.910, 292.145
Yxy	54.8013, 0.2747, 0.2671
Android (android.graphics.Color)	4290691061 (0xFFBEBFF5)
YUV	196.8570, 23.7345, -6.0136
Hunter-Lab	74.0279, 6.3509, -23.4741

Details

The Yxy color **54.8013, 0.2747, 0.2671** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.8969, 0.3468, 0.3842**, and the grayscale version is **55.6128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5157, 0.3080, 0.3212**, and **27.0853, 0.2647, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **42.2517, 0.2547, 0.2343**, and if you desaturate by 10%, it is **69.6137, 0.2929, 0.2968**.

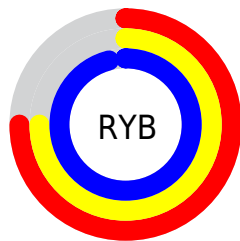
Distribution



Red (75%)

Green (75%)

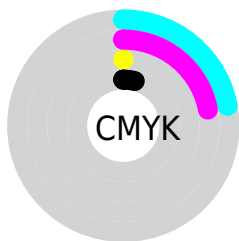
Blue (96%)



Red (75%)

Yellow (75%)

Blue (96%)

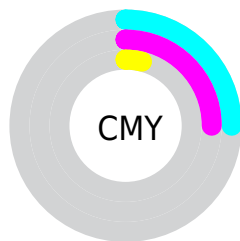


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8013, 0.2747, 0.2671 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 54.8013, 0.2747, 0.2671 by changing the saturation by 10% instead.

■ 54.8013, 0.2747,
0.2671

■ 54.8013, 0.2747,
0.2671

405.1583, 0.2932,
0.2961

■ 39.2427, 0.2703,
0.2604

■ 97.2498, 0.2813,
0.2772

■ 26.9486, 0.2647,
0.2521

124.9084, 0.2838,
0.2811

■ 17.5346, 0.2576,
0.2417

157.3691, 0.2859,
0.2845

■ 10.6164, 0.2480,
0.2280

195.0164, 0.2878,
0.2875

■ 5.8095, 0.2347,
0.2095

238.2345, 0.2894,
0.2900

■ 2.7296, 0.2149,
0.1833

287.4079, 0.2908,

■ 0.9922, 0.1834,

0.2923

0.1444

342.9211, 0.2921,
0.2943

0.0000, 0.0721,
0.0000

0.0000, 0.0000,
0.0000

54.8013, 0.2747,
0.2671

54.8013, 0.2747,
0.2671

42.2517, 0.2547,
0.2343

69.6137, 0.2929,
0.2968

31.8475, 0.2334,
0.1994

86.7855, 0.3091,
0.3231

23.4704, 0.2119,
0.1640

99.3739, 0.3185,
0.3386

16.9885, 0.1915,
0.1304

■ 12.2539, 0.1741,
0.1013

■ 9.0972, 0.1610,
0.0793

■ 7.3151, 0.1531,
0.0657

■ 6.6833, 0.1502,
0.0607

Harmonies

Analogous

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



54.8013, 0.2502, 0.2710



54.8013, 0.2747, 0.2671



54.8013, 0.3106, 0.2777

Triad

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



54.8013, 0.2747, 0.2671



54.8013, 0.3893, 0.3606



54.8013, 0.2754, 0.3602

Complementary

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



54.8013, 0.2747, 0.2671



87.8969, 0.3468, 0.3842

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.



54.8013, 0.3111, 0.3888



54.8013, 0.2747, 0.2671



54.8013, 0.3778, 0.3861

Square

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



54.8013, 0.2747, 0.2671



54.8013, 0.3788, 0.3295



54.8013, 0.3487, 0.3978



54.8013, 0.2505, 0.3229

Rectangle

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



54.8013, 0.2747, 0.2671



54.8013, 0.3368, 0.2915



54.8013, 0.3487, 0.3978



54.8013, 0.2865, 0.3714

Sweetspot

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



54.8035, 0.2747, 0.2671



86.0796, 0.3019, 0.3115



82.7552, 0.2804, 0.3309



18.1808, 0.3010, 0.3099



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.



54.8035, 0.2747, 0.2671



53.3490, 0.2656, 0.2523



58.0016, 0.2931, 0.2693



15.9713, 0.2979, 0.3049



3.6195, 0.1503, 0.0610



0.3335, 0.1510, 0.0637

Inverse Universe

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



60.0304, 0.3580, 0.3281



60.0421, 0.3705, 0.3280



84.1561, 0.3290, 0.3884



16.4870, 0.3291, 0.3286



10.4648, 0.6383, 0.3290



0.9213, 0.6338, 0.3265

Previews

White Background



This preview shows how the Yxy color 54.8013, 0.2747, 0.2671 looks on a white background.

Color Contrast Check

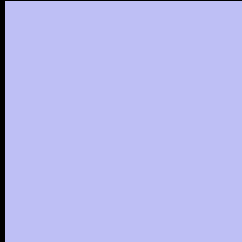
Large Text (above 18pt) WCAG AA × Fail

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 54.8013, 0.2747, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

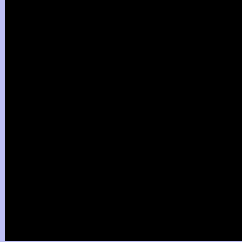
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8013, 0.2747, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 54.8013, 0.2747, 0.2671.

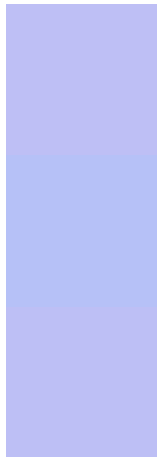


This preview shows how white text looks on a background with the Yxy color 54.8013, 0.2747, 0.2671.

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

54.8013, 0.2747, 0.2671

Protanopia

54.8004, 0.2682, 0.2665

Deuteranopia

54.6730, 0.2740, 0.2670



Tritanopia

54.8763, 0.2922, 0.3106

Trichromacy



Original Color

54.8013, 0.2747, 0.2671

Protanomaly

54.6674, 0.2707, 0.2667

Deuteranomaly

54.6730, 0.2740, 0.2670

Tritanomaly

54.8511, 0.2856, 0.2943

Monochromacy



Original Color

54.8013, 0.2747, 0.2671

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3546, 0.2983, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8013, 0.2747, 0.2671 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(190, 191, 245)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 245)  
}
```

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(190, 191, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.8013, 0.2747, 0.2671 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(190, 191, 245) }
```

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

```
.border{ border-color:rgb(190, 191, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 245);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8013, 0.2747, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 245) }
```

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

```
.background{ background-color: rgb(190,  
191, 245) }
```

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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