

Converting Colors

$Y_{xy}(54.1942, 0.2759, 0.2650)$

Have a look what the booklet for
Yxy(54.1942, 0.2759, 0.2650)
contains.

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Color

Yxy(54.1942, 0.2759, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDF5
RGB	192, 189, 245
RGB Percent	75%, 74%, 96%
CMY	0.2470, 0.2588, 0.0391
CMYK	0.22, 0.23, 0.00, 0.04
HSL	243°, 74%, 85%
HSV	243°, 23%, 96%
XYZ	56.4233, 54.1942, 93.8889
YIQ	196.2810, -16.1880, 18.0520

Conversions

Conversions Part 2

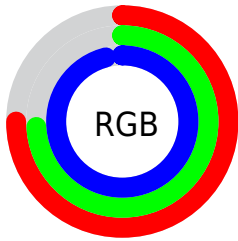
Format	Color
RYB	192, 189, 245
Decimal	12631541
CIELab	78.57, 12.57, -27.30
CIELCh	79, 30.057, 294.721
Yxy	54.1942, 0.2759, 0.2650
Android (android.graphics.Color)	4290821621 (0xFFC0BDF5)
YUV	196.2810, 24.0185, -3.7544
Hunter-Lab	73.6167, 7.9816, -24.0853

Details

The Yxy color **54.1942, 0.2759, 0.2650** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.8677, 0.3452, 0.3866**, and the grayscale version is **55.2429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6646, 0.3093, 0.3193**, and **26.6857, 0.2662, 0.2495** is the 20% darker color. If you saturate the color by 10%, you get **41.7394, 0.2566, 0.2320**, and if you desaturate by 10%, it is **68.9104, 0.2933, 0.2951**.

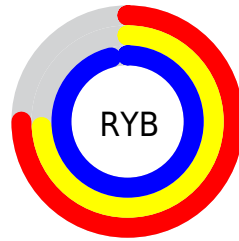
Distribution



Red (75%)

Green (74%)

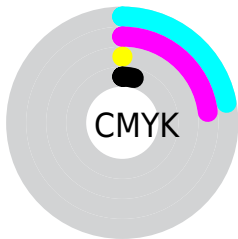
Blue (96%)



Red (75%)

Yellow (74%)

Blue (96%)

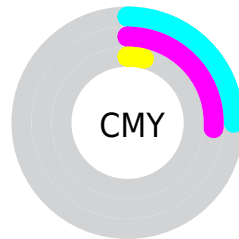


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1942, 0.2759, 0.2650 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 54.1942, 0.2759, 0.2650 by changing the saturation by 10% instead.

■ 54.1942, 0.2759,
0.2650

■ 54.1942, 0.2759,
0.2650

402.8501, 0.2939,
0.2950

■ 38.7569, 0.2716,
0.2581

■ 96.3593, 0.2823,
0.2754

■ 26.5707, 0.2662,
0.2496

123.8560, 0.2847,
0.2795

■ 17.2511, 0.2591,
0.2388

156.1412, 0.2868,
0.2830

■ 10.4137, 0.2497,
0.2248

193.5995, 0.2886,
0.2860

■ 5.6741, 0.2365,
0.2058

236.6151, 0.2902,
0.2887

■ 2.6479, 0.2169,
0.1790

285.5725, 0.2916,

■ 0.9508, 0.1855,

0.2910

0.1394

340.8560, 0.2928,
0.2931

0.0000, 0.0741,
0.0000

0.0000, 0.0000,
0.0000

54.1942, 0.2759,
0.2650

54.1942, 0.2759,
0.2650

41.7394, 0.2566,
0.2320

68.9104, 0.2933,
0.2951

31.4278, 0.2360,
0.1970

85.9855, 0.3087,
0.3219

23.1404, 0.2149,
0.1616

99.3739, 0.3185,
0.3386

16.7438, 0.1948,
0.1284

■ 12.0890, 0.1771,
0.0998

■ 9.0041, 0.1634,
0.0783

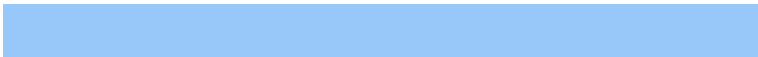
■ 7.2824, 0.1546,
0.0654

■ 6.6812, 0.1512,
0.0607

Harmonies

Analogous

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



54.1942, 0.2492, 0.2676



54.1942, 0.2759, 0.2650



54.1942, 0.3140, 0.2772

Triad

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



54.1942, 0.2759, 0.2650



54.1942, 0.3924, 0.3643



54.1942, 0.2710, 0.3584

Complementary

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



54.1942, 0.2759, 0.2650



87.8677, 0.3452, 0.3866

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.



54.1942, 0.3075, 0.3898



54.1942, 0.2759, 0.2650



54.1942, 0.3785, 0.3902

Square

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



54.1942, 0.2759, 0.2650



54.1942, 0.3835, 0.3322



54.1942, 0.3470, 0.4010



54.1942, 0.2464, 0.3192

Rectangle

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



54.1942, 0.2759, 0.2650



54.1942, 0.3412, 0.2921



54.1942, 0.3470, 0.4010



54.1942, 0.2822, 0.3704

Sweetspot

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



54.1964, 0.2759, 0.2650



86.0722, 0.3026, 0.3112



81.0473, 0.2786, 0.3258



18.1791, 0.3016, 0.3096



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.



54.1964, 0.2759, 0.2650



53.3314, 0.2680, 0.2515



58.1730, 0.2962, 0.2686



15.9694, 0.2987, 0.3046



3.6165, 0.1516, 0.0609



0.3326, 0.1558, 0.0632

Inverse Universe

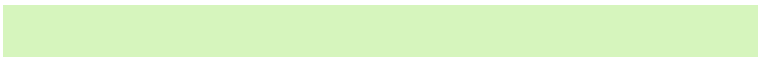
The Inverse Universe completely reimagines the original color for something new.



62.2199, 0.3176, 0.2749



63.4238, 0.3186, 0.2649



83.3188, 0.3262, 0.3902



16.7519, 0.3146, 0.3069



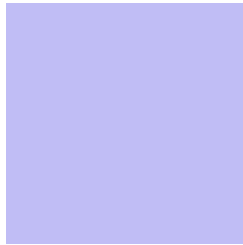
13.5962, 0.3349, 0.1619



1.1996, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 54.1942, 0.2759, 0.2650 looks on a white background.

Color Contrast Check

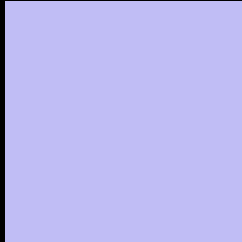
Large Text (above 18pt) WCAG AA × Fail

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 54.1942, 0.2759, 0.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

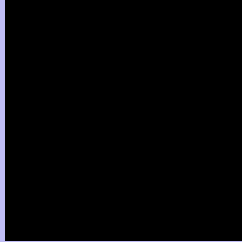
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1942, 0.2759, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 54.1942, 0.2759, 0.2650.

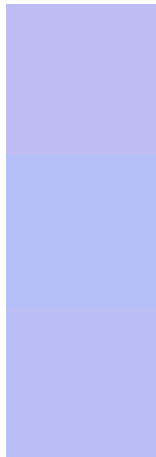


This preview shows how white text looks on a background with the Yxy color 54.1942, 0.2759, 0.2650.

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

54.1942, 0.2759, 0.2650

Protanopia

54.1180, 0.2668, 0.2651

Deuteranopia

54.4190, 0.2726, 0.2668



Tritanopia

54.1725, 0.2943, 0.3094

Trichromacy



Original Color

54.1942, 0.2759, 0.2650

Protanomaly

54.1058, 0.2699, 0.2654

Deuteranomaly

54.2383, 0.2739, 0.2658

Tritanomaly

54.1590, 0.2876, 0.2931

Monochromacy



Original Color

54.1942, 0.2759, 0.2650

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5971, 0.2990, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1942, 0.2759, 0.2650 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 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(192, 189, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.1942, 0.2759, 0.2650 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, 245) }
```

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

```
.border{ border-color:rgb(192, 189, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 245);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1942, 0.2759, 0.2650 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, 245) }
```

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

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