

Converting Colors

$Yxy(54.7244, 0.2695, 0.2704)$

Have a look what the booklet for
Yxy(54.7244, 0.2695, 0.2704)
contains.

Yxy(54.9390, 0.2694, 0.2707)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9390, 0.2694, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	B5C2F4
RGB	181, 194, 244
RGB Percent	71%, 76%, 96%
CMY	0.2903, 0.2392, 0.0430
CMYK	0.26, 0.20, 0.00, 0.04
HSL	228°, 74%, 83%
HSV	228°, 26%, 96%
XYZ	54.6752, 54.9390, 93.3374
YIQ	195.8130, -23.7980, 12.7940

Conversions

Conversions Part 2

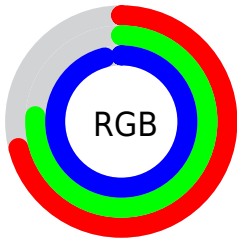
Format	Color
R _Y B	181, 192, 244
Decimal	11911924
CIE Lab	79.01, 6.33, -26.19
CIE LCh	79, 26.939, 283.580
Yxy	54.9390, 0.2694, 0.2707
Android (android.graphics.Color)	4290102004 (0xFFB5C2F4)
YUV	195.8130, 23.7562, -12.9910
Hunter-Lab	74.1208, 1.9588, -22.7770

Details

The Yxy color $54.9390, 0.2694, 0.2707$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $79.7235, 0.3550, 0.3812$, and the grayscale version is $54.9489, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7684, 0.3024, 0.3241$, and $27.1926, 0.2582, 0.2567$ is the 20% darker color. If you saturate the color by 10%, you get $44.1824, 0.2504, 0.2436$, and if you desaturate by 10%, it is $67.3390, 0.2873, 0.2953$.

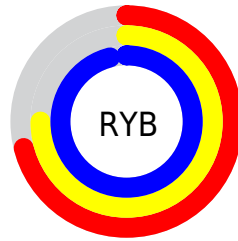
Distribution



Red (71%)

Green (76%)

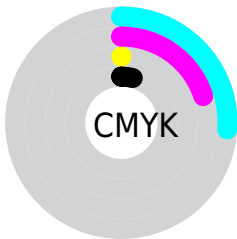
Blue (96%)



Red (71%)

Yellow (75%)

Blue (96%)

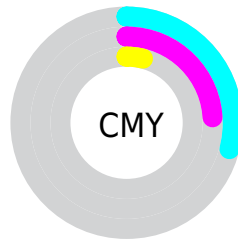


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9390, 0.2694, 0.2707 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 54.9390, 0.2694, 0.2707 by changing the saturation by 10% instead.

■ 54.9390, 0.2694,
0.2707

■ 54.9390, 0.2694,
0.2707

405.6807, 0.2903,
0.2983

■ 39.3529, 0.2645,
0.2643

■ 97.4516, 0.2768,
0.2803

■ 27.0344, 0.2583,
0.2564

125.1468, 0.2796,
0.2841

■ 17.5990, 0.2503,
0.2463

157.6472, 0.2820,
0.2873

■ 10.6625, 0.2397,
0.2330

195.3372, 0.2841,
0.2901

■ 5.8404, 0.2250,
0.2150

238.6012, 0.2860,
0.2925

■ 2.7483, 0.2034,
0.1892

287.8234, 0.2876,

■ 1.0018, 0.1696,

0.2946

0.1504

343.3885, 0.2890,
0.2965

0.0000, 0.0253,
0.0000

0.0000, 0.0000,
0.0000

54.9390, 0.2694,
0.2707

54.9390, 0.2694,
0.2707

44.1824, 0.2504,
0.2436

67.3390, 0.2873,
0.2953

34.9927, 0.2309,
0.2146

81.4415, 0.3038,
0.3174

27.2969, 0.2116,
0.1847

97.3108, 0.3188,
0.3368

21.0133, 0.1936,
0.1550

99.3138, 0.3191,
0.3395

■ 16.0522, 0.1780,
0.1274

■ 12.3124, 0.1658,
0.1035

■ 9.6764, 0.1576,
0.0847

■ 8.8543, 0.1552,
0.0785

Harmonies

Analogous

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



54.9390, 0.2504, 0.2787



54.9390, 0.2694, 0.2707



54.9390, 0.3006, 0.2769

Triad

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



54.9390, 0.2694, 0.2707



54.9390, 0.3832, 0.3507



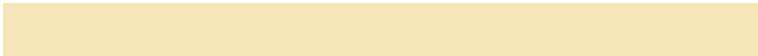
54.9390, 0.2868, 0.3669

Complementary

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



54.9390, 0.2694, 0.2707



79.7235, 0.3550, 0.3812

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.



54.9390, 0.3216, 0.3889



54.9390, 0.2694, 0.2707



54.9390, 0.3783, 0.3766

Square

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



54.9390, 0.2694, 0.2707



54.9390, 0.3678, 0.3213



54.9390, 0.3553, 0.3917



54.9390, 0.2599, 0.3334

Rectangle

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



54.9390, 0.2694, 0.2707



54.9390, 0.3248, 0.2878



54.9390, 0.3553, 0.3917



54.9390, 0.2979, 0.3761

Sweetspot

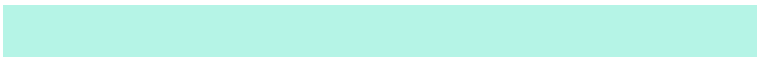
The Sweet Spot groups the original color and five complimentary colors.



54.9412, 0.2694, 0.2707



86.4406, 0.3003, 0.3128



80.2764, 0.2819, 0.3443



17.9861, 0.2979, 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.



54.9412, 0.2694, 0.2707



54.2730, 0.2596, 0.2568



51.6888, 0.2809, 0.2576



16.4817, 0.2979, 0.3096



4.9692, 0.1558, 0.0807



0.5782, 0.1618, 0.1024

Inverse Universe

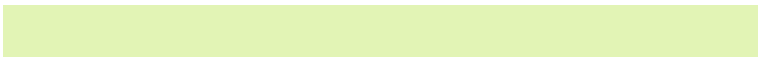
The Inverse Universe completely reimagines the original color for something new.



56.1699, 0.3566, 0.3151



56.1099, 0.3688, 0.3121



84.2530, 0.3393, 0.3964



16.5386, 0.3261, 0.3241



10.6010, 0.6058, 0.3111



0.9460, 0.5722, 0.2926

Previews

White Background



This preview shows how the Yxy color 54.9390, 0.2694, 0.2707 looks on a white background.

Color Contrast Check

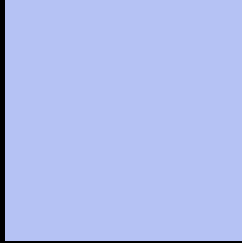
Large Text (above 18pt) WCAG AA × Fail

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 54.9390, 0.2694, 0.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

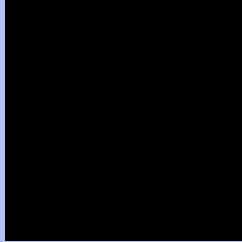
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9390, 0.2694, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 54.9390, 0.2694, 0.2707.



This preview shows how white text looks on a background with the Yxy color 54.9390, 0.2694, 0.2707.

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

54.9390, 0.2694, 0.2707

Protanopia

54.7389, 0.2707, 0.2697

Deuteranopia

55.1107, 0.2741, 0.2682



Tritanopia

54.8671, 0.2838, 0.3092

Trichromacy



Original Color

54.9390, 0.2694, 0.2707

Protanomaly

54.6167, 0.2700, 0.2696

Deuteranomaly

55.1716, 0.2721, 0.2690

Tritanomaly

54.7706, 0.2781, 0.2939

Monochromacy



Original Color

54.9390, 0.2694, 0.2707

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9107, 0.2967, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9390, 0.2694, 0.2707 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(181, 194, 244)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 244)  
}
```

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(181, 194, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 244) }
```

Border

The CSS property to change the border of an element to Yxy 54.9390, 0.2694, 0.2707 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(181, 194, 244) }
```

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

```
.border{ border-color:rgb(181, 194, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 194, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 194, 244); box-shadow:4px 4px 4px 4px rgb(181, 194, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9390, 0.2694, 0.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 244) }
```

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

```
.background{ background-color: rgb(181,  
194, 244) }
```

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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