

Converting Colors

$Yxy(54.6944, 0.2656, 0.2567)$

Have a look what the booklet for
Yxy(54.6944, 0.2656, 0.2567)
contains.

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Color

Yxy(54.7959, 0.2653, 0.2564)

Conversions

Conversions Part 1

Format	Color
Hex	B9BFFF
RGB	185, 191, 255
RGB Percent	73%, 75%, 100%
CMY	0.2744, 0.2510, 0.0000
CMYK	0.27, 0.25, 0.00, 0.00
HSL	235°, 100%, 86%
HSV	235°, 27%, 100%
XYZ	56.6979, 54.7959, 102.2187
YIQ	196.5020, -24.1200, 18.6320

Conversions

Conversions Part 2

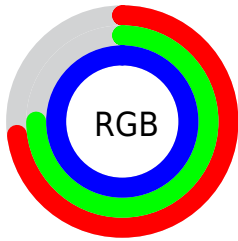
Format	Color
RYB	185, 191, 255
Decimal	12173311
CIELab	78.92, 11.75, -32.17
CIELCh	79, 34.250, 290.059
Yxy	54.7959, 0.2653, 0.2564
Android (android.graphics.Color)	4290363391 (0xFFB9BFFF)
YUV	196.5020, 28.8395, -10.0873
Hunter-Lab	74.0243, 7.1774, -30.0555

Details

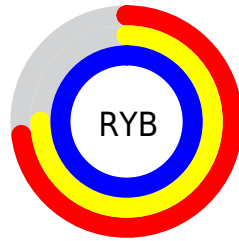
The Yxy color **54.7959, 0.2653, 0.2564** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.5449, 0.3558, 0.3925**, and the grayscale version is **55.3561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6188, 0.3049, 0.3211**, and **27.0000, 0.2529, 0.2397** is the 20% darker color. If you saturate the color by 10%, you get **42.5258, 0.2451, 0.2247**, and if you desaturate by 10%, it is **69.2562, 0.2842, 0.2856**.

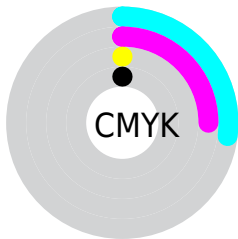
Distribution



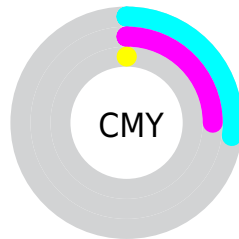
- Red (73%)
- Green (75%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7959, 0.2653, 0.2564 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 54.7959, 0.2653, 0.2564 by changing the saturation by 10% instead.


 54.7959, 0.2653,
0.2564

 54.7959, 0.2653,
0.2564


405.1378, 0.2882,
0.2902

 39.2383, 0.2599,
0.2487


 97.2419, 0.2734,
0.2681

 26.9452, 0.2531,
0.2392


124.8990, 0.2765,
0.2727

 17.5321, 0.2445,
0.2273


157.3582, 0.2792,
0.2766

 10.6146, 0.2330,
0.2120

195.0038, 0.2815,
0.2800

 5.8083, 0.2172,
0.1915

238.2201, 0.2835,
0.2830

 2.7289, 0.1945,
0.1633

287.3916, 0.2852,

 0.9919, 0.1598,

0.2857

0.1232

342.9027, 0.2868,
0.2881

0.0000, 0.0616,
0.0000

0.0000, 0.0000,
0.0000

54.7959, 0.2653,
0.2564

54.7959, 0.2653,
0.2564

42.5258, 0.2451,
0.2247

69.2562, 0.2842,
0.2856

32.3379, 0.2242,
0.1912

86.0052, 0.3012,
0.3117

24.1165, 0.2037,
0.1578

100.0000, 0.3127,
0.3290

17.7343, 0.1849,
0.1264

■ 13.0486, 0.1695,
0.0994

■ 9.8961, 0.1584,
0.0790

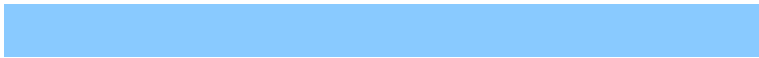
■ 8.0775, 0.1522,
0.0663

■ 7.7823, 0.1512,
0.0642

Harmonies

Analogous

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



54.7959, 0.2382, 0.2618



54.7959, 0.2653, 0.2564



54.7959, 0.3067, 0.2678

Triad

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



54.7959, 0.2653, 0.2564



54.7959, 0.4035, 0.3628



54.7959, 0.2710, 0.3691

Complementary

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



54.7959, 0.2653, 0.2564



92.5449, 0.3558, 0.3925

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.



54.7959, 0.3134, 0.4024



54.7959, 0.2653, 0.2564



54.7959, 0.3911, 0.3942

Square

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



54.7959, 0.2653, 0.2564



54.7959, 0.3893, 0.3264



54.7959, 0.3576, 0.4106



54.7959, 0.2411, 0.3243

Rectangle

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



54.7959, 0.2653, 0.2564



54.7959, 0.3378, 0.2831



54.7959, 0.3576, 0.4106



54.7959, 0.2842, 0.3824

Sweetspot

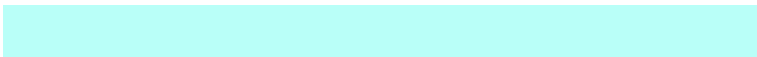
The Sweet Spot groups the original color and five complimentary colors.



54.7963, 0.2653, 0.2564



84.9986, 0.3003, 0.3103



88.6165, 0.2761, 0.3364



17.6260, 0.2979, 0.3065



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.



54.7963, 0.2653, 0.2564



47.7059, 0.2542, 0.2390



56.0830, 0.2843, 0.2537



17.6260, 0.2979, 0.3065



4.1513, 0.1515, 0.0654



0.4851, 0.1547, 0.0768

Inverse Universe

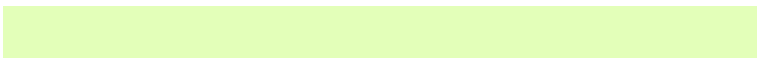
The Inverse Universe completely reimagines the original color for something new.



59.7347, 0.3676, 0.3230



53.5439, 0.3834, 0.3217



91.3577, 0.3356, 0.4023



18.0122, 0.3281, 0.3270



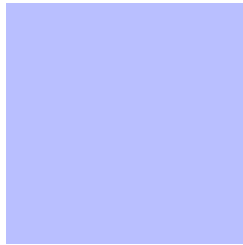
11.1470, 0.6310, 0.3250



1.0935, 0.6121, 0.3146

Previews

White Background



This preview shows how the Yxy color 54.7959, 0.2653, 0.2564 looks on a white background.

Color Contrast Check

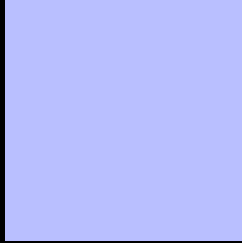
Large Text (above 18pt) WCAG AA × Fail

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 54.7959, 0.2653, 0.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

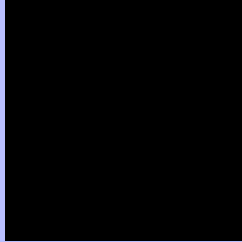
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7959, 0.2653, 0.2564

Background



This preview shows how black text looks on a background with the Yxy color 54.7959, 0.2653, 0.2564.



This preview shows how white text looks on a background with the Yxy color 54.7959, 0.2653, 0.2564.

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

54.7959, 0.2653, 0.2564

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.8644, 0.2634, 0.2572



Tritanopia

55.0490, 0.2859, 0.3105

Trichromacy



Original Color

54.7959, 0.2653, 0.2564

Protanomaly

54.7430, 0.2628, 0.2571

Deuteranomaly

54.9866, 0.2641, 0.2574

Tritanomaly

54.8403, 0.2782, 0.2894

Monochromacy



Original Color

54.7959, 0.2653, 0.2564

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4296, 0.2947, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7959, 0.2653, 0.2564 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(185, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 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(185, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.7959, 0.2653, 0.2564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

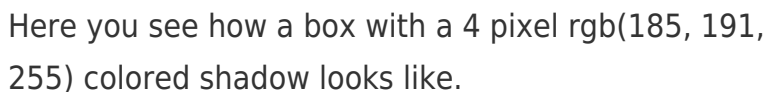
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 191, 255) }
```

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

```
.border{ border-color:rgb(185, 191, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 191, 255); box-shadow:4px 4px 4px 4px rgb(185, 191, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7959, 0.2653, 0.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 255) }
```

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

```
.background{ background-color: rgb(185,  
191, 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](#).

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