

Converting Colors

Yxy(54.9284, 0.2681, 0.2540)

Have a look what the booklet for
Yxy(54.9284, 0.2681, 0.2540)
contains.

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Color

Yxy(54.6916, 0.2691, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDFF
RGB	191, 189, 255
RGB Percent	75%, 74%, 100%
CMY	0.2509, 0.2588, 0.0000
CMYK	0.25, 0.26, 0.00, 0.00
HSL	242°, 100%, 87%
HSV	242°, 26%, 100%
XYZ	57.7384, 54.6916, 102.1310
YIQ	197.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

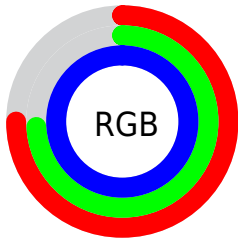
Format	Color
R_{YB}	191, 189, 255
Decimal	12566015
CIE _{Lab}	78.86, 14.57, -32.22
CIE _{LCh}	79, 35.360, 294.327
Yxy	54.6916, 0.2691, 0.2549
Android (android.graphics.Color)	4290756095 (0xFFBFBDF5)
YUV	197.1220, 28.5339, -5.3690
Hunter-Lab	73.9538, 9.9423, -30.1126

Details

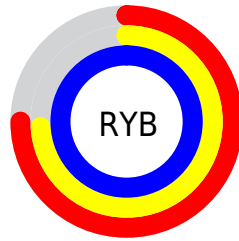
The Yxy color **54.6916, 0.2691, 0.2549** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.0721, 0.3506, 0.3942**, and the grayscale version is **55.7480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4813, 0.3087, 0.3193**, and **26.9198, 0.2576, 0.2379** is the 20% darker color. If you saturate the color by 10%, you get **41.7310, 0.2489, 0.2209**, and if you desaturate by 10%, it is **70.1242, 0.2876, 0.2862**.

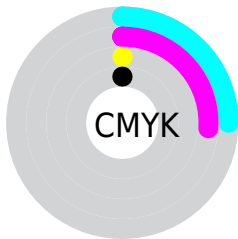
Distribution



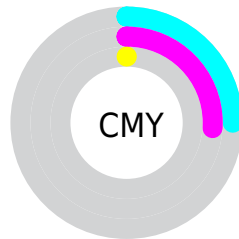
- Red (75%)
- Green (74%)
- Blue (100%)



- 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 54.6916, 0.2691, 0.2549 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 54.6916, 0.2691, 0.2549 by changing the saturation by 10% instead.

■ 54.6916, 0.2691,
0.2549

■ 54.6916, 0.2691,
0.2549

404.7418, 0.2903,
0.2893

■ 39.1549, 0.2641,
0.2471

■ 97.0890, 0.2766,
0.2668

■ 26.8802, 0.2578,
0.2375

124.7184, 0.2795,
0.2714

■ 17.4833, 0.2496,
0.2255

157.1474, 0.2820,
0.2754

■ 10.5797, 0.2389,
0.2101

194.7606, 0.2841,
0.2789

■ 5.7849, 0.2240,
0.1895

237.9422, 0.2859,
0.2820

■ 2.7148, 0.2023,
0.1613

287.0767, 0.2876,

■ 0.9847, 0.1690,

0.2847

0.1213

342.5484, 0.2890,
0.2871

0.0000, 0.0822,
0.0000

0.0000, 0.0000,
0.0000

54.6916, 0.2691,
0.2549

54.6916, 0.2691,
0.2549

41.7310, 0.2489,
0.2209

70.1242, 0.2876,
0.2862

31.1102, 0.2276,
0.1853

88.1437, 0.3040,
0.3142

22.6910, 0.2064,
0.1500

100.0000, 0.3127,
0.3290

16.3189, 0.1868,
0.1177

■ 11.8194, 0.1704,
0.0912

■ 8.9890, 0.1586,
0.0725

■ 7.5765, 0.1521,
0.0626

■ 7.2705, 0.1506,
0.0603

Harmonies

Analogous

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



54.6916, 0.2387, 0.2577



54.6916, 0.2691, 0.2549



54.6916, 0.3132, 0.2688

Triad

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



54.6916, 0.2691, 0.2549



54.6916, 0.4063, 0.3688



54.6916, 0.2642, 0.3642

Complementary

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



54.6916, 0.2691, 0.2549



96.0721, 0.3506, 0.3942

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.



54.6916, 0.3067, 0.4015



54.6916, 0.2691, 0.2549



54.6916, 0.3898, 0.3998

Square

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



54.6916, 0.2691, 0.2549



54.6916, 0.3956, 0.3315



54.6916, 0.3528, 0.4139



54.6916, 0.2359, 0.3175

Rectangle

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



54.6916, 0.2691, 0.2549



54.6916, 0.3453, 0.2858



54.6916, 0.3528, 0.4139



54.6916, 0.2772, 0.3786

Sweetspot

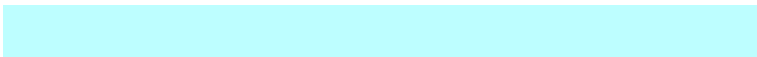
The Sweet Spot groups the original color and five complimentary colors.



54.6930, 0.2691, 0.2549



84.1085, 0.3007, 0.3085



88.8585, 0.2746, 0.3277



17.4043, 0.2983, 0.3044



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.



54.6930, 0.2691, 0.2549



47.7604, 0.2589, 0.2378



59.3175, 0.2919, 0.2595



17.4043, 0.2983, 0.3044



3.8105, 0.1509, 0.0605



0.3799, 0.1531, 0.0617

Inverse Universe

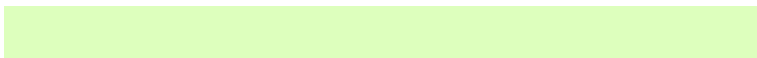
The Inverse Universe completely reimagines the original color for something new.



64.7441, 0.3172, 0.2662



59.3559, 0.3182, 0.2538



90.5502, 0.3293, 0.3990



18.2902, 0.3143, 0.3063



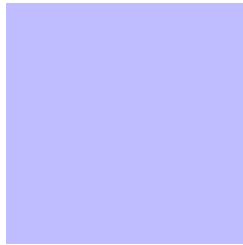
14.6278, 0.3287, 0.1585



1.4272, 0.3278, 0.1579

Previews

White Background



This preview shows how the Yxy color 54.6916, 0.2691, 0.2549 looks on a white background.

Color Contrast Check

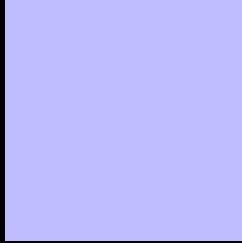
Large Text (above 18pt) WCAG AA × Fail

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 54.6916, 0.2691, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

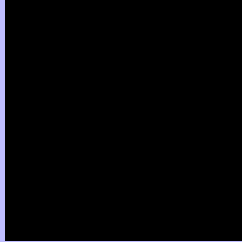
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6916, 0.2691, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 54.6916, 0.2691, 0.2549.

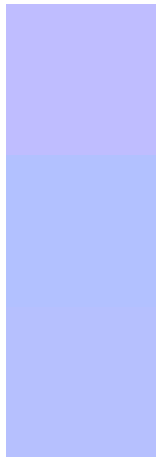


This preview shows how white text looks on a background with the Yxy color 54.6916, 0.2691, 0.2549.

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

54.6916, 0.2691, 0.2549

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.8001, 0.2640, 0.2582



Tritanopia

54.8039, 0.2908, 0.3094

Trichromacy



Original Color

54.6916, 0.2691, 0.2549

Protanomaly

54.9866, 0.2641, 0.2574

Deuteranomaly

54.7316, 0.2659, 0.2574

Tritanomaly

54.6241, 0.2829, 0.2886

Monochromacy



Original Color

54.6916, 0.2691, 0.2549

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 54.6916, 0.2691, 0.2549 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(191, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.6916, 0.2691, 0.2549 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(191, 189, 255) }
```

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

```
.border{ border-color:rgb(191, 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(191, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6916, 0.2691, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 255) }
```

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

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

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