

Converting Colors

Yxy(54.1910, 0.2744, 0.2611)

Have a look what the booklet for
Yxy(54.1910, 0.2744, 0.2611)
contains.

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Color

Yxy(54.0812, 0.2746, 0.2610)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1BCF8 |
| RGB | 193, 188, 248 |
| RGB Percent | 76%, 74%, 97% |
| CMY | 0.2435, 0.2626, 0.0275 |
| CMYK | 0.22, 0.24, 0.00, 0.03 |
| HSL | 245°, 81%, 85% |
| HSV | 245°, 24%, 97% |
| XYZ | 56.8992, 54.0812, 96.2272 |
| YIQ | 196.3350, -16.2800, 19.7200 |

Conversions

Conversions Part 2

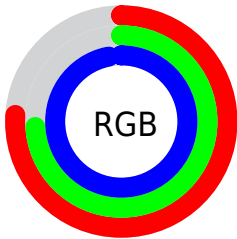
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 193, 188, 248 |
| Decimal | 12696824 |
| CIELab | 78.51, 14.03, -28.98 |
| CIELCh | 79, 32.201, 295.833 |
| Yxy | 54.0812, 0.2746, 0.2610 |
| Android (android.graphics.Color) | 4290886904 (0xFFC1BCF8) |
| YUV | 196.3350, 25.4708, -2.9248 |
| Hunter-Lab | 73.5399, 9.4140, -26.1032 |

Details

The Yxy color **54.0812, 0.2746, 0.2610** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.8250, 0.3459, 0.3902**, and the grayscale version is **55.2594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2454, 0.3100, 0.3184**, and **26.4928, 0.2645, 0.2454** is the 20% darker color. If you saturate the color by 10%, you get **41.6157, 0.2556, 0.2278**, and if you desaturate by 10%, it is **68.8324, 0.2918, 0.2914**.

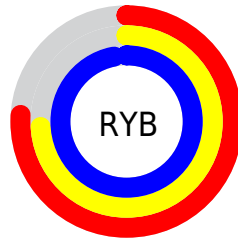
Distribution



Red (76%)

Green (74%)

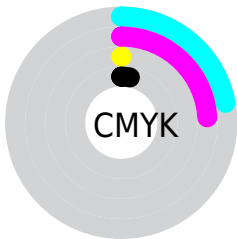
Blue (97%)



Red (76%)

Yellow (74%)

Blue (97%)

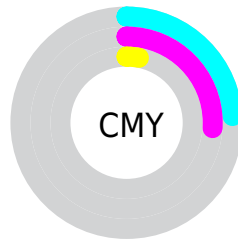


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0812, 0.2746, 0.2610 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 54.0812, 0.2746, 0.2610 by changing the saturation by 10% instead.

■ 54.0812, 0.2746,
0.2610

■ 54.0812, 0.2746,
0.2610

402.4196, 0.2932,
0.2927

■ 38.6666, 0.2701,
0.2537

■ 96.1935, 0.2812,
0.2720

■ 26.5004, 0.2645,
0.2448

123.6599, 0.2838,
0.2763

■ 17.1984, 0.2572,
0.2335

155.9124, 0.2859,
0.2800

■ 10.3760, 0.2475,
0.2188

193.3353, 0.2878,
0.2832

■ 5.6490, 0.2339,
0.1991

236.3131, 0.2894,
0.2860

■ 2.6328, 0.2138,
0.1716

285.2302, 0.2908,

■ 0.9432, 0.1818,

0.2885

0.1316

340.4709, 0.2921,
0.2907

0.0000, 0.0797,
0.0000

0.0000, 0.0000,
0.0000

54.0812, 0.2746,
0.2610

54.0812, 0.2746,
0.2610

41.6157, 0.2556,
0.2278

68.8324, 0.2918,
0.2914

31.3153, 0.2353,
0.1929

85.9687, 0.3070,
0.3186

23.0581, 0.2145,
0.1580

99.5559, 0.3168,
0.3357

16.7078, 0.1947,
0.1253

■ 12.1111, 0.1773,
0.0976

■ 9.0911, 0.1638,
0.0771

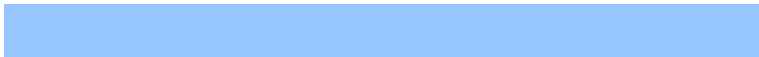
■ 7.4333, 0.1550,
0.0649

■ 6.9266, 0.1520,
0.0611

Harmonies

Analogous

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



54.0812, 0.2457, 0.2630



54.0812, 0.2746, 0.2610



54.0812, 0.3156, 0.2745

Triad

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



54.0812, 0.2746, 0.2610



54.0812, 0.3981, 0.3676



54.0812, 0.2667, 0.3590

Complementary

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



54.0812, 0.2746, 0.2610



89.8250, 0.3459, 0.3902

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.



54.0812, 0.3054, 0.3936



54.0812, 0.2746, 0.2610



54.0812, 0.3821, 0.3952

Square

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



54.0812, 0.2746, 0.2610



54.0812, 0.3895, 0.3334



54.0812, 0.3477, 0.4064



54.0812, 0.2413, 0.3168

Rectangle

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



54.0812, 0.2746, 0.2610



54.0812, 0.3447, 0.2906



54.0812, 0.3477, 0.4064



54.0812, 0.2785, 0.3722

Sweetspot

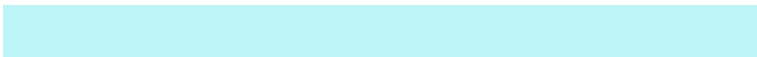
The Sweet Spot groups the original color and five complimentary colors.



54.0834, 0.2746, 0.2610



86.1570, 0.3029, 0.3112



82.1616, 0.2766, 0.3246



18.1987, 0.3020, 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.



54.0834, 0.2746, 0.2610



50.8618, 0.2655, 0.2451



58.2870, 0.2958, 0.2650



16.7105, 0.2991, 0.3045



3.7657, 0.1526, 0.0614



0.3712, 0.1583, 0.0646

Inverse Universe

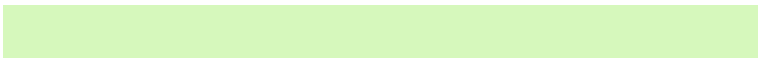
The Inverse Universe completely reimagines the original color for something new.



62.4104, 0.3192, 0.2733



61.1663, 0.3206, 0.2620



85.0507, 0.3262, 0.3942



17.4988, 0.3151, 0.3075



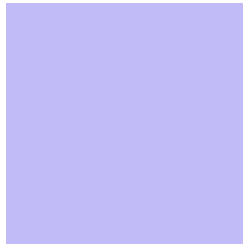
13.8107, 0.3425, 0.1661



1.2861, 0.3397, 0.1645

Previews

White Background



This preview shows how the Yxy color 54.0812, 0.2746, 0.2610 looks on a white background.

Color Contrast Check

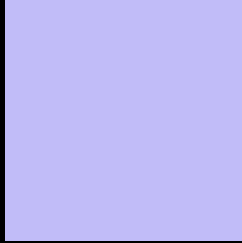
Large Text (above 18pt) WCAG AA × Fail

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 54.0812, 0.2746, 0.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

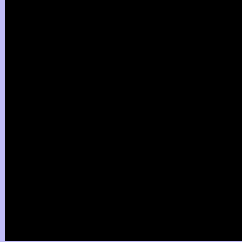
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0812, 0.2746, 0.2610

Background



This preview shows how black text looks on a background with the Yxy color 54.0812, 0.2746, 0.2610.

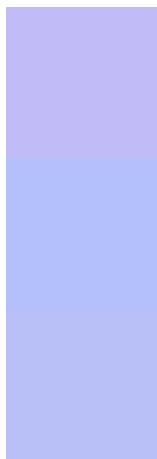


This preview shows how white text looks on a background with the Yxy color 54.0812, 0.2746, 0.2610.

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

54.0812, 0.2746, 0.2610

Protanopia

54.2480, 0.2638, 0.2609

Deuteranopia

54.2913, 0.2700, 0.2645



Tritanopia

54.1225, 0.2950, 0.3106

Trichromacy



Original Color

54.0812, 0.2746, 0.2610

Protanomaly

54.3541, 0.2676, 0.2613

Deuteranomaly

54.2337, 0.2720, 0.2637

Tritanomaly

53.8999, 0.2876, 0.2909

Monochromacy



Original Color

54.0812, 0.2746, 0.2610

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6483, 0.2983, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0812, 0.2746, 0.2610 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(193, 188, 248)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 248)  
}
```

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(193, 188, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 248) }
```

Border

The CSS property to change the border of an element to Yxy 54.0812, 0.2746, 0.2610 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(193, 188, 248) }
```

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

```
.border{ border-color:rgb(193, 188, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 248);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0812, 0.2746, 0.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 248) }
```

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

```
.background{ background-color: rgb(193,  
188, 248) }
```

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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