

Converting Colors

$Yxy(54.8591, 0.2772, 0.2664)$

Have a look what the booklet for
Yxy(54.8591, 0.2772, 0.2664)
contains.

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Color

Yxy(54.8888, 0.2774, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	C2BEF5
RGB	194, 190, 245
RGB Percent	76%, 75%, 96%
CMY	0.2390, 0.2550, 0.0391
CMYK	0.21, 0.22, 0.00, 0.04
HSL	244°, 73%, 85%
HSV	244°, 22%, 96%
XYZ	57.1552, 54.8888, 93.9950
YIQ	197.4660, -15.2710, 17.9530

Conversions

Conversions Part 2

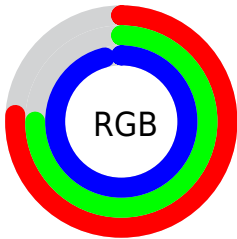
Format	Color
R_{YB}	194, 190, 245
Decimal	12762869
CIE _{Lab}	78.98, 12.64, -26.68
CIE _{LCh}	79, 29.525, 295.358
Yxy	54.8888, 0.2774, 0.2664
Android (android.graphics.Color)	4290952949 (0xFFC2BEF5)
YUV	197.4660, 23.4343, -3.0397
Hunter-Lab	74.0870, 8.0536, -23.3610

Details

The Yxy color **54.8888, 0.2774, 0.2664** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7391, 0.3439, 0.3857**, and the grayscale version is **55.9989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6408, 0.3106, 0.3203**, and **27.1409, 0.2682, 0.2514** is the 20% darker color. If you saturate the color by 10%, you get **42.3766, 0.2585, 0.2336**, and if you desaturate by 10%, it is **69.6483, 0.2944, 0.2963**.

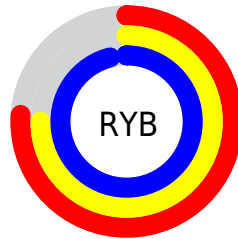
Distribution



Red (76%)

Green (75%)

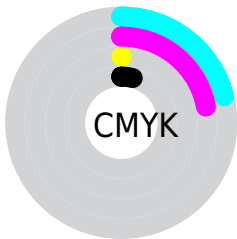
Blue (96%)



Red (76%)

Yellow (75%)

Blue (96%)

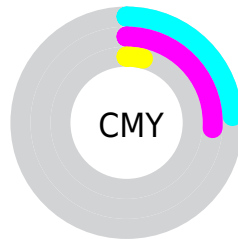


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8888, 0.2774, 0.2664 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 54.8888, 0.2774, 0.2664 by changing the saturation by 10% instead.

■ 54.8888, 0.2774,
0.2664

■ 54.8888, 0.2774,
0.2664

405.4903, 0.2946,
0.2957

■ 39.3127, 0.2733,
0.2597

■ 97.3780, 0.2835,
0.2766

■ 27.0031, 0.2681,
0.2514

125.0599, 0.2859,
0.2806

■ 17.5755, 0.2614,
0.2409

157.5459, 0.2879,
0.2840

■ 10.6457, 0.2523,
0.2272

195.2203, 0.2896,
0.2869

■ 5.8291, 0.2397,
0.2087

238.4675, 0.2911,
0.2895

■ 2.7414, 0.2209,
0.1826

287.6720, 0.2924,

■ 0.9983, 0.1908,

0.2918

0.1439

343.2181, 0.2936,
0.2939

0.0000, 0.0926,
0.0000

0.0000, 0.0000,
0.0000

54.8888, 0.2774,
0.2664

54.8888, 0.2774,
0.2664

42.3766, 0.2585,
0.2336

69.6483, 0.2944,
0.2963

31.9953, 0.2383,
0.1988

86.7509, 0.3093,
0.3229

23.6277, 0.2174,
0.1637

99.3747, 0.3185,
0.3386

17.1431, 0.1973,
0.1304

■ 12.3951, 0.1794,
0.1017

■ 9.2155, 0.1653,
0.0798

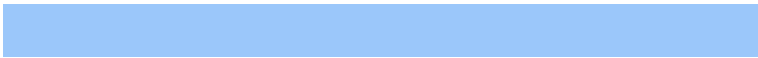
■ 7.4027, 0.1558,
0.0663

■ 6.7239, 0.1518,
0.0610

Harmonies

Analogous

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



54.8888, 0.2509, 0.2687



54.8888, 0.2774, 0.2664



54.8888, 0.3148, 0.2786

Triad

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



54.8888, 0.2774, 0.2664



54.8888, 0.3906, 0.3643



54.8888, 0.2712, 0.3569

Complementary

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



54.8888, 0.2774, 0.2664



87.7391, 0.3439, 0.3857

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.



54.8888, 0.3068, 0.3879



54.8888, 0.2774, 0.2664



54.8888, 0.3766, 0.3894

Square

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



54.8888, 0.2774, 0.2664



54.8888, 0.3824, 0.3329



54.8888, 0.3455, 0.3994



54.8888, 0.2475, 0.3187

Rectangle

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



54.8888, 0.2774, 0.2664



54.8888, 0.3414, 0.2934



54.8888, 0.3455, 0.3994



54.8888, 0.2821, 0.3688

Sweetspot

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



54.8910, 0.2774, 0.2664



86.1332, 0.3028, 0.3112



80.6667, 0.2790, 0.3249



18.1932, 0.3019, 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.



54.8910, 0.2774, 0.2664



53.5069, 0.2690, 0.2517



58.8161, 0.2972, 0.2699



15.9851, 0.2991, 0.3046



3.6427, 0.1523, 0.0613



0.3401, 0.1579, 0.0643

Inverse Universe

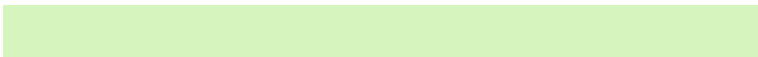
The Inverse Universe completely reimagines the original color for something new.



62.5891, 0.3183, 0.2769



63.3384, 0.3196, 0.2661



83.3149, 0.3253, 0.3892



16.7460, 0.3149, 0.3074



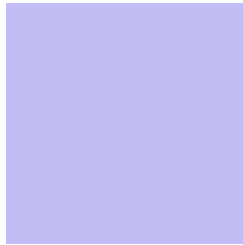
13.4528, 0.3403, 0.1649



1.1886, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 54.8888, 0.2774, 0.2664 looks on a white background.

Color Contrast Check

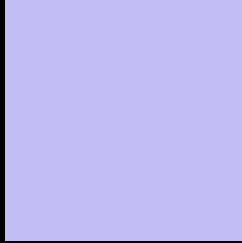
Large Text (above 18pt) WCAG AA × Fail

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 54.8888, 0.2774, 0.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

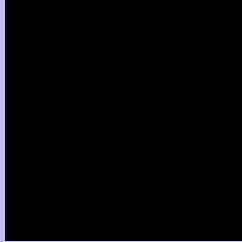
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8888, 0.2774, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 54.8888, 0.2774, 0.2664.



This preview shows how white text looks on a background with the Yxy color 54.8888, 0.2774, 0.2664.

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

54.8888, 0.2774, 0.2664

Protanopia

54.8004, 0.2682, 0.2665

Deuteranopia

55.1107, 0.2741, 0.2682



Tritanopia

54.9247, 0.2951, 0.3096

Trichromacy



Original Color

54.8888, 0.2774, 0.2664

Protanomaly

54.7922, 0.2714, 0.2668

Deuteranomaly

54.9305, 0.2754, 0.2673

Tritanomaly

54.9125, 0.2884, 0.2934

Monochromacy



Original Color

54.8888, 0.2774, 0.2664

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1744, 0.2998, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8888, 0.2774, 0.2664 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(194, 190, 245)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 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(194, 190, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.8888, 0.2774, 0.2664 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(194, 190, 245) }
```

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

```
.border{ border-color:rgb(194, 190, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 245);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8888, 0.2774, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 245) }
```

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

```
.background{ background-color: rgb(194,  
190, 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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