

Converting Colors

Yxy(54.0476, 0.2844, 0.2789)

Have a look what the booklet for
Yxy(54.0476, 0.2844, 0.2789)
contains.

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Color

Yxy(54.0476, 0.2844, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	C1BEE9
RGB	193, 190, 233
RGB Percent	76%, 75%, 91%
CMY	0.2432, 0.2549, 0.0862
CMYK	0.17, 0.18, 0.00, 0.09
HSL	244°, 49%, 83%
HSV	244°, 18%, 91%
XYZ	55.1134, 54.0476, 84.6274
YIQ	195.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

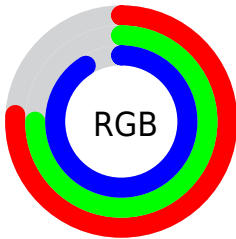
Format	Color
R _Y B	193, 190, 233
Decimal	12697321
CIE Lab	78.49, 9.66, -20.97
CIE LCh	78, 23.090, 294.732
Yxy	54.0476, 0.2844, 0.2789
Android (android.graphics.Color)	4290887401 (0xFFC1BEE9)
YUV	195.7990, 18.3401, -2.4547
Hunter-Lab	73.5171, 5.1610, -16.7883

Details

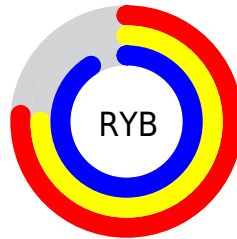
The Yxy color **54.0476, 0.2844, 0.2789** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8306, 0.3383, 0.3752**, and the grayscale version is **54.9697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4555, 0.3099, 0.3203**, and **26.5546, 0.2771, 0.2673** is the 20% darker color. If you saturate the color by 10%, you get **42.1060, 0.2662, 0.2473**, and if you desaturate by 10%, it is **68.0250, 0.3006, 0.3074**.

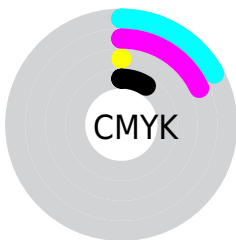
Distribution



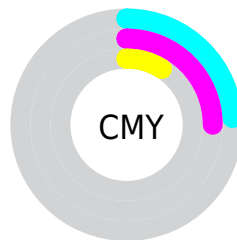
- Red (76%)
- Green (75%)
- Blue (91%)



- Red (76%)
- Yellow (75%)
- Blue (91%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0476, 0.2844, 0.2789 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 54.0476, 0.2844, 0.2789 by changing the saturation by 10% instead.

■ 54.0476, 0.2844,
0.2789

■ 54.0476, 0.2844,
0.2789

402.2915, 0.2983,
0.3026

■ 38.6397, 0.2810,
0.2734

■ 96.1441, 0.2894,
0.2872

■ 26.4796, 0.2768,
0.2665

123.6016, 0.2912,
0.2904

■ 17.1827, 0.2713,
0.2576

155.8443, 0.2928,
0.2932

■ 10.3649, 0.2638,
0.2460

193.2568, 0.2942,
0.2956

■ 5.6415, 0.2532,
0.2299

236.2233, 0.2954,
0.2977

■ 2.6284, 0.2371,
0.2065

285.1284, 0.2965,

■ 0.9409, 0.2100,

0.2995

0.1699

340.3563, 0.2974,
0.3012

0.0000, 0.0550,
0.0000

0.0000, 0.0000,
0.0000

54.0476, 0.2844,
0.2789

54.0476, 0.2844,
0.2789

42.1060, 0.2662,
0.2473

68.0250, 0.3006,
0.3074

32.0988, 0.2465,
0.2132

84.1200, 0.3148,
0.3327

23.9263, 0.2257,
0.1781

98.6640, 0.3256,
0.3503

17.4767, 0.2051,
0.1437

■ 12.6265, 0.1862,
0.1128

■ 9.2355, 0.1704,
0.0879

■ 7.1389, 0.1590,
0.0708

■ 6.1059, 0.1524,
0.0619

■ 5.9958, 0.1517,
0.0609

Harmonies

Analogous

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



54.0476, 0.2633, 0.2814



54.0476, 0.2844, 0.2789



54.0476, 0.3140, 0.2884

Triad

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



54.0476, 0.2844, 0.2789



54.0476, 0.3739, 0.3572



54.0476, 0.2806, 0.3515

Complementary

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



54.0476, 0.2844, 0.2789



78.8306, 0.3383, 0.3752

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.



54.0476, 0.3091, 0.3749



54.0476, 0.2844, 0.2789



54.0476, 0.3636, 0.3766

Square

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



54.0476, 0.2844, 0.2789



54.0476, 0.3669, 0.3321



54.0476, 0.3396, 0.3839



54.0476, 0.2612, 0.3220

Rectangle

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



54.0476, 0.2844, 0.2789



54.0476, 0.3348, 0.3003



54.0476, 0.3396, 0.3839



54.0476, 0.2894, 0.3605

Sweetspot

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



54.0498, 0.2844, 0.2789



88.0227, 0.3042, 0.3139



73.5069, 0.2848, 0.3257



18.5738, 0.3033, 0.3122



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.



54.0498, 0.2844, 0.2789



60.6889, 0.2780, 0.2677



57.0662, 0.3004, 0.2812



14.5989, 0.2991, 0.3047



3.4206, 0.1522, 0.0612



0.2861, 0.1580, 0.0644

Inverse Universe

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



59.8698, 0.3171, 0.2863



69.0324, 0.3180, 0.2777



75.5066, 0.3231, 0.3775



15.2947, 0.3149, 0.3074



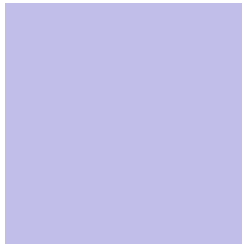
12.6746, 0.3391, 0.1642



1.0007, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 54.0476, 0.2844, 0.2789 looks on a white background.

Color Contrast Check

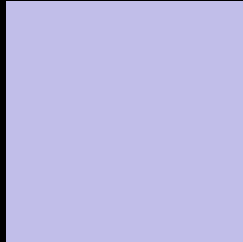
Large Text (above 18pt) WCAG AA × Fail

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 54.0476, 0.2844, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

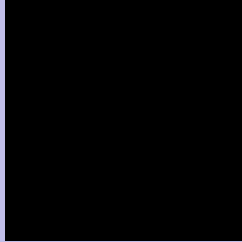
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0476, 0.2844, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 54.0476, 0.2844, 0.2789.



This preview shows how white text looks on a background with the Yxy color 54.0476, 0.2844, 0.2789.

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

54.0476, 0.2844, 0.2789

Protanopia

54.0117, 0.2775, 0.2783

Deuteranopia

54.1794, 0.2851, 0.2790



Tritanopia

54.0555, 0.2973, 0.3095

Trichromacy



Original Color

54.0476, 0.2844, 0.2789

Protanomaly

53.8935, 0.2802, 0.2785

Deuteranomaly

54.1794, 0.2851, 0.2790

Tritanomaly

54.1490, 0.2924, 0.2990

Monochromacy



Original Color

54.0476, 0.2844, 0.2789

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.7891, 0.3026, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0476, 0.2844, 0.2789 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, 190, 233)` looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 233)  
}
```

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, 190, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 233) }
```

Border

The CSS property to change the border of an element to Yxy 54.0476, 0.2844, 0.2789 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, 190, 233) }
```

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

```
.border{ border-color:rgb(193, 190, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 190, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 190, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 190, 233);  
box-shadow:4px 4px 4px 4px rgb(193, 190,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0476, 0.2844, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 190, 233) }
```

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

```
.background{ background-color: rgb(193,  
190, 233) }
```

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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