

Converting Colors

Yxy(50.8288, 0.2881, 0.2831)

Have a look what the booklet for
Yxy(50.8288, 0.2881, 0.2831)
contains.

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Color

Yxy(50.8445, 0.2879, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	BDB9DF
RGB	189, 185, 223
RGB Percent	74%, 73%, 87%
CMY	0.2589, 0.2745, 0.1254
CMYK	0.15, 0.17, 0.00, 0.13
HSL	246°, 37%, 80%
HSV	246°, 17%, 87%
XYZ	51.6518, 50.8445, 76.9126
YIQ	190.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

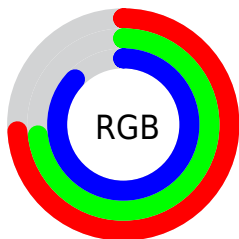
Format	Color
RYB	189, 185, 223
Decimal	12433887
CIELab	76.58, 8.95, -18.49
CIELCh	77, 20.543, 295.834
Yxy	50.8445, 0.2879, 0.2834
Android (android.graphics.Color)	4290623967 (0xFFBDB9DF)
YUV	190.5280, 16.0087, -1.3401
Hunter-Lab	71.3053, 4.5167, -14.0387

Details

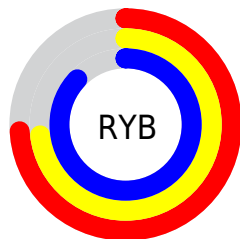
The Yxy color **50.8445, 0.2879, 0.2834** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.3527, 0.3353, 0.3716**, and the grayscale version is **51.7229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7234, 0.3075, 0.3153**, and **24.4806, 0.2805, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **39.8553, 0.2707, 0.2525**, and if you desaturate by 10%, it is **63.6531, 0.3032, 0.3113**.

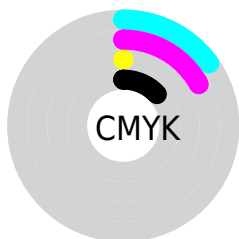
Distribution



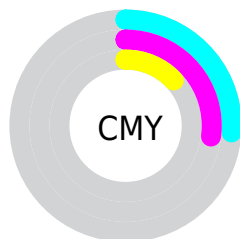
- Red (74%)
- Green (73%)
- Blue (87%)



- Red (74%)
- Yellow (73%)
- Blue (87%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8445, 0.2879, 0.2834 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 50.8445, 0.2879, 0.2834 by changing the saturation by 10% instead.

■ 50.8445, 0.2879,
0.2834

■ 50.8445, 0.2879,
0.2834

■ 389.9593, 0.3002,
0.3053

■ 36.0849, 0.2849,
0.2782

■ 91.4249, 0.2923,
0.2912

■ 24.4997, 0.2810,
0.2717

■ 118.0144, 0.2940,
0.2941

■ 15.7047, 0.2760,
0.2633

■ 149.3160, 0.2954,
0.2967

■ 9.3155, 0.2691,
0.2520

■ 185.7141, 0.2967,
0.2989

■ 4.9475, 0.2591,
0.2363

■ 227.5931, 0.2977,
0.3008

■ 2.2165, 0.2434,
0.2127

■ 275.3374, 0.2986,

■ 0.7290, 0.2164,

0.3025

0.1727

329.3313, 0.2995,
0.3040

0.0000, 0.0000,
0.0000

50.8445, 0.2879,
0.2834

50.8445, 0.2879,
0.2834

39.8553, 0.2707,
0.2525

63.6531, 0.3032,
0.3113

30.5968, 0.2518,
0.2191

78.3518, 0.3165,
0.3360

22.9824, 0.2318,
0.1845

95.0153, 0.3279,
0.3576

16.9157, 0.2115,
0.1503

98.1085, 0.3315,
0.3601

12.2898, 0.1923,
0.1190

■ 8.9845, 0.1757,
0.0930

■ 6.8597, 0.1630,
0.0744

■ 5.7360, 0.1548,
0.0638

■ 5.5142, 0.1531,
0.0617

Harmonies

Analogous

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



50.8445, 0.2682, 0.2854



50.8445, 0.2879, 0.2834



50.8445, 0.3150, 0.2924

Triad

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



50.8445, 0.2879, 0.2834



50.8445, 0.3682, 0.3556



50.8445, 0.2827, 0.3484

Complementary

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



50.8445, 0.2879, 0.2834



71.3527, 0.3353, 0.3716

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.



50.8445, 0.3085, 0.3699



50.8445, 0.2879, 0.2834



50.8445, 0.3583, 0.3728

Square

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



50.8445, 0.2879, 0.2834



50.8445, 0.3624, 0.3328



50.8445, 0.3363, 0.3787



50.8445, 0.2653, 0.3219

Rectangle

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



50.8445, 0.2879, 0.2834



50.8445, 0.3338, 0.3035



50.8445, 0.3363, 0.3787



50.8445, 0.2907, 0.3566

Sweetspot

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



50.8466, 0.2879, 0.2834



90.0316, 0.3060, 0.3165



66.4184, 0.2869, 0.3245



18.9819, 0.3050, 0.3147



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.



50.8466, 0.2879, 0.2834



64.0090, 0.2828, 0.2741



53.4130, 0.3025, 0.2853



13.3115, 0.2997, 0.3049



3.2649, 0.1538, 0.0621



0.2498, 0.1631, 0.0672

Inverse Universe

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



55.5088, 0.3177, 0.2911



71.3273, 0.3188, 0.2841



68.5944, 0.3214, 0.3735



13.9097, 0.3154, 0.3083



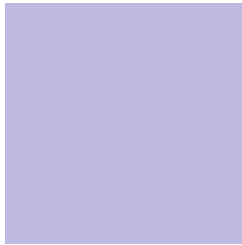
11.6780, 0.3490, 0.1696



0.8167, 0.3441, 0.1669

Previews

White Background



This preview shows how the Yxy color 50.8445, 0.2879, 0.2834 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 50.8445, 0.2879, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

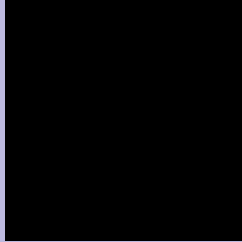
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8445, 0.2879, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 50.8445, 0.2879, 0.2834.



This preview shows how white text looks on a background with the Yxy color 50.8445, 0.2879, 0.2834.

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

50.8445, 0.2879, 0.2834

Protanopia

50.8006, 0.2807, 0.2829

Deuteranopia

50.6851, 0.2894, 0.2824



Tritanopia

50.7173, 0.2999, 0.3103

Trichromacy



Original Color

50.8445, 0.2879, 0.2834

Protanomaly

50.6900, 0.2835, 0.2830

Deuteranomaly

50.5558, 0.2886, 0.2823

Tritanomaly

50.7586, 0.2956, 0.3007

Monochromacy



Original Color

50.8445, 0.2879, 0.2834

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6541, 0.3030, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8445, 0.2879, 0.2834 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(189, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(189, 185, 223)  
}
```

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(189, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 185, 223) }
```

Border

The CSS property to change the border of an element to Yxy 50.8445, 0.2879, 0.2834 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(189, 185, 223) }
```

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

```
.border{ border-color:rgb(189, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(189, 185,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8445, 0.2879, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 185, 223) }
```

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

```
.background{ background-color: rgb(189,  
185, 223) }
```

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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