

Converting Colors

$Yxy(50.7287, 0.2892, 0.2781)$

Have a look what the booklet for
Yxy(50.7287, 0.2892, 0.2781)
contains.

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Color

Yxy(50.6954, 0.2888, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	C1B7E2
RGB	193, 183, 226
RGB Percent	76%, 72%, 89%
CMY	0.2432, 0.2823, 0.1138
CMYK	0.15, 0.19, 0.00, 0.11
HSL	254°, 43%, 80%
HSV	254°, 19%, 89%
XYZ	52.6459, 50.6954, 78.9507
YIQ	190.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

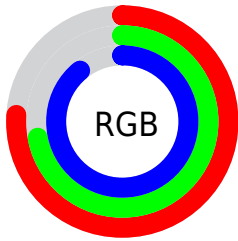
Format	Color
RYB	193, 183, 226
Decimal	12695522
CIELab	76.49, 11.94, -20.21
CIELCh	76, 23.471, 300.587
Yxy	50.6954, 0.2888, 0.2781
Android (android.graphics.Color)	4290885602 (0xFFC1B7E2)
YUV	190.8920, 17.3082, 1.8487
Hunter-Lab	71.2007, 7.3820, -15.9030

Details

The Yxy color **50.6954, 0.2888, 0.2781** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.4076, 0.3339, 0.3774**, and the grayscale version is **51.9347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2770, 0.3102, 0.3135**, and **24.3945, 0.2817, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **39.9615, 0.2736, 0.2475**, and if you desaturate by 10%, it is **63.1981, 0.3022, 0.3062**.

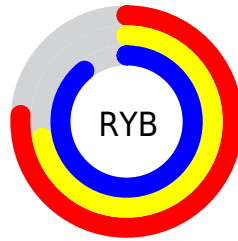
Distribution



Red (76%)

Green (72%)

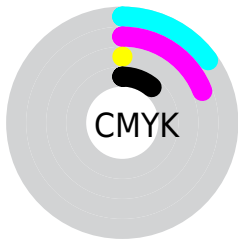
Blue (89%)



Red (76%)

Yellow (72%)

Blue (89%)

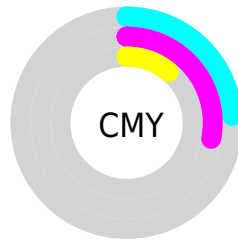


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (24%)


Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6954, 0.2888, 0.2781 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 50.6954, 0.2888, 0.2781 by changing the saturation by 10% instead.


 50.6954, 0.2888,
0.2781

 50.6954, 0.2888,
0.2781

389.3792, 0.3007,
0.3024

 35.9663, 0.2859,
0.2724


 91.2044, 0.2931,
0.2867

 24.4081, 0.2821,
0.2652


117.7530, 0.2947,
0.2900

 15.6367, 0.2772,
0.2560


149.0102, 0.2961,
0.2928

 9.2674, 0.2704,
0.2438

185.3604, 0.2973,
0.2952

 4.9160, 0.2605,
0.2268

227.1880, 0.2983,
0.2974

 2.1981, 0.2451,
0.2017

274.8774, 0.2992,

 0.7189, 0.2185,

0.2992

0.1600

328.8130, 0.3000,
0.3009

0.0000, 0.0000,
0.0000

50.6954, 0.2888,
0.2781

50.6954, 0.2888,
0.2781

39.9615, 0.2736,
0.2475

63.1981, 0.3022,
0.3062

30.9095, 0.2569,
0.2149

77.5386, 0.3138,
0.3314

23.4547, 0.2389,
0.1816

93.7898, 0.3237,
0.3537

17.5023, 0.2204,
0.1492

98.2702, 0.3298,
0.3572

12.9475, 0.2024,
0.1198

■ 9.6713, 0.1861,
0.0954

■ 7.5342, 0.1726,
0.0779

■ 6.3249, 0.1626,
0.0673

■ 6.2299, 0.1617,
0.0665

Harmonies

Analogous

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



50.6954, 0.2648, 0.2781



50.6954, 0.2888, 0.2781



50.6954, 0.3204, 0.2901

Triad

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



50.6954, 0.2888, 0.2781



50.6954, 0.3756, 0.3627



50.6954, 0.2745, 0.3465

Complementary

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



50.6954, 0.2888, 0.2781



72.4076, 0.3339, 0.3774

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.



50.6954, 0.3027, 0.3730



50.6954, 0.2888, 0.2781



50.6954, 0.3615, 0.3811

Square

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



50.6954, 0.2888, 0.2781



50.6954, 0.3719, 0.3373



50.6954, 0.3346, 0.3857



50.6954, 0.2569, 0.3159

Rectangle

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



50.6954, 0.2888, 0.2781



50.6954, 0.3417, 0.3035



50.6954, 0.3346, 0.3857



50.6954, 0.2830, 0.3563

Sweetspot

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



50.6975, 0.2888, 0.2781



88.4620, 0.3058, 0.3139



65.0179, 0.2836, 0.3180



18.6773, 0.3050, 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.



50.6975, 0.2888, 0.2781



60.5508, 0.2827, 0.2657



53.6313, 0.3051, 0.2805



13.3958, 0.3016, 0.3050



3.5993, 0.1629, 0.0671



0.2898, 0.1781, 0.0755

Inverse Universe

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



54.9992, 0.3227, 0.2924



67.2733, 0.3252, 0.2842



69.4318, 0.3188, 0.3797



13.8785, 0.3173, 0.3112



10.9786, 0.3896, 0.1920



0.7744, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 50.6954, 0.2888, 0.2781 looks on a white background.

Color Contrast Check

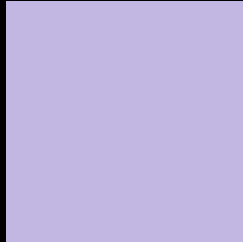
Large Text (above 18pt) WCAG AA × Fail

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 50.6954, 0.2888, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

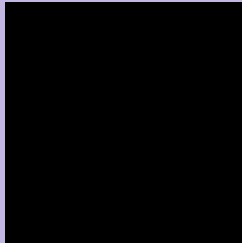
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6954, 0.2888, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 50.6954, 0.2888, 0.2781.



This preview shows how white text looks on a background with the Yxy color 50.6954, 0.2888, 0.2781.

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

50.6954, 0.2888, 0.2781

Protanopia

50.7815, 0.2767, 0.2782

Deuteranopia

50.5908, 0.2858, 0.2788



Tritanopia

50.6237, 0.3030, 0.3104

Trichromacy



Original Color

50.6954, 0.2888, 0.2781

Protanomaly

50.9096, 0.2809, 0.2786

Deuteranomaly

50.7191, 0.2866, 0.2790

Tritanomaly

50.7681, 0.2972, 0.2985

Monochromacy



Original Color

50.6954, 0.2888, 0.2781

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5325, 0.3039, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6954, 0.2888, 0.2781 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, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(193, 183, 226)  
}
```

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, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 183, 226) }
```

Border

The CSS property to change the border of an element to Yxy 50.6954, 0.2888, 0.2781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

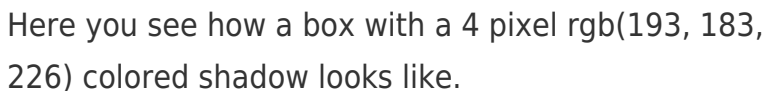
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 183, 226) }
```

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

```
.border{ border-color:rgb(193, 183, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(193, 183,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6954, 0.2888, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 183, 226) }
```

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

```
.background{ background-color: rgb(193,  
183, 226) }
```

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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