

Converting Colors

Yxy(51.6335, 0.2848, 0.2718)

Have a look what the booklet for
Yxy(51.6335, 0.2848, 0.2718)
contains.

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Color

Yxy(51.6335, 0.2848, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8E9
RGB	194, 184, 233
RGB Percent	76%, 72%, 91%
CMY	0.2392, 0.2784, 0.0861
CMYK	0.17, 0.21, 0.00, 0.09
HSL	252°, 53%, 82%
HSV	252°, 21%, 91%
XYZ	54.1031, 51.6335, 84.2321
YIQ	192.5760, -9.7690, 17.3590

Conversions

Conversions Part 2

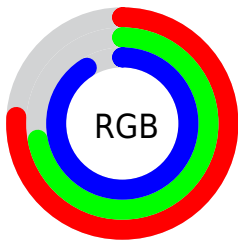
Format	Color
RYB	194, 184, 233
Decimal	12761321
CIELab	77.06, 13.25, -23.15
CIELCh	77, 26.674, 299.793
Yxy	51.6335, 0.2848, 0.2718
Android (android.graphics.Color)	4290951401 (0xFFC2B8E9)
YUV	192.5760, 19.9290, 1.2488
Hunter-Lab	71.8565, 8.6497, -19.2019

Details

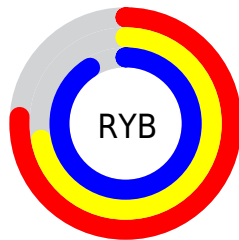
The Yxy color **51.6335, 0.2848, 0.2718** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.4497, 0.3372, 0.3827**, and the grayscale version is **52.9548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0494, 0.3108, 0.3145**, and **24.9824, 0.2774, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **40.4361, 0.2687, 0.2405**, and if you desaturate by 10%, it is **64.7360, 0.2991, 0.3006**.

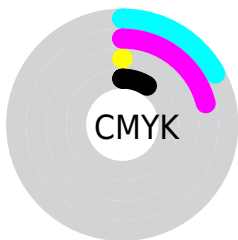
Distribution



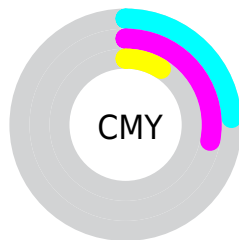
- Red (76%)
- Green (72%)
- Blue (91%)



- Red (76%)
- Yellow (72%)
- Blue (91%)



- Cyan (17%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6335, 0.2848, 0.2718 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 51.6335, 0.2848, 0.2718 by changing the saturation by 10% instead.

■ 51.6335, 0.2848,
0.2718

■ 51.6335, 0.2848,
0.2718

393.0201, 0.2987,
0.2989

■ 36.7130, 0.2814,
0.2655

■ 92.5905, 0.2898,
0.2813

■ 24.9854, 0.2771,
0.2576

119.3958, 0.2917,
0.2850

■ 16.0662, 0.2714,
0.2476

150.9316, 0.2933,
0.2881

■ 9.5710, 0.2637,
0.2343

187.5821, 0.2947,
0.2909

■ 5.1154, 0.2527,
0.2161

229.7318, 0.2959,
0.2932

■ 2.3152, 0.2356,
0.1898

277.7651, 0.2969,

■ 0.7817, 0.2068,

0.2954

0.1487

332.0664, 0.2978,
0.2972

0.0000, 0.0109,
0.0000

0.0000, 0.0000,
0.0000

51.6335, 0.2848,
0.2718

51.6335, 0.2848,
0.2718

40.4361, 0.2687,
0.2405

64.7360, 0.2991,
0.3006

31.0482, 0.2511,
0.2073

79.8205, 0.3115,
0.3265

23.3753, 0.2324,
0.1736

96.9674, 0.3222,
0.3494

17.3120, 0.2135,
0.1413

98.6653, 0.3256,
0.3502

■ 12.7408, 0.1955,
0.1125

■ 9.5277, 0.1797,
0.0893

■ 7.5142, 0.1672,
0.0735

■ 6.5043, 0.1592,
0.0651

Harmonies

Analogous

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



51.6335, 0.2583, 0.2720



51.6335, 0.2848, 0.2718



51.6335, 0.3203, 0.2849

Triad

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



51.6335, 0.2848, 0.2718



51.6335, 0.3839, 0.3659



51.6335, 0.2703, 0.3496

Complementary

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



51.6335, 0.2848, 0.2718



77.4497, 0.3372, 0.3827

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.



51.6335, 0.3022, 0.3797



51.6335, 0.2848, 0.2718



51.6335, 0.3683, 0.3873

Square

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



51.6335, 0.2848, 0.2718



51.6335, 0.3793, 0.3372



51.6335, 0.3381, 0.3934



51.6335, 0.2503, 0.3148

Rectangle

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



51.6335, 0.2848, 0.2718



51.6335, 0.3444, 0.2996



51.6335, 0.3381, 0.3934



51.6335, 0.2800, 0.3609

Sweetspot

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



51.6356, 0.2848, 0.2718



88.3874, 0.3055, 0.3139



68.9725, 0.2806, 0.3177



18.6597, 0.3047, 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.



51.6356, 0.2848, 0.2718



57.4670, 0.2785, 0.2593



55.1198, 0.3035, 0.2749



14.6971, 0.3012, 0.3049



3.7314, 0.1603, 0.0657



0.3329, 0.1729, 0.0726

Inverse Universe

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



56.9374, 0.3229, 0.2869



65.0400, 0.3252, 0.2785



73.8612, 0.3200, 0.3857



15.2580, 0.3169, 0.3104



11.8452, 0.3804, 0.1869



0.9434, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 51.6335, 0.2848, 0.2718 looks on a white background.

Color Contrast Check

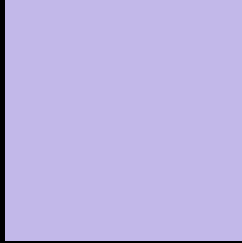
Large Text (above 18pt) WCAG AA × Fail

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 51.6335, 0.2848, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

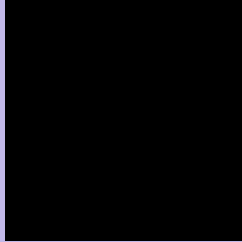
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6335, 0.2848, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 51.6335, 0.2848, 0.2718.



This preview shows how white text looks on a background with the Yxy color 51.6335, 0.2848, 0.2718.

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

51.6335, 0.2848, 0.2718

Protanopia

51.6063, 0.2723, 0.2717

Deuteranopia

51.5658, 0.2798, 0.2734



Tritanopia

51.5736, 0.3015, 0.3105

Trichromacy



Original Color

51.6335, 0.2848, 0.2718

Protanomaly

51.7292, 0.2764, 0.2722

Deuteranomaly

51.5283, 0.2819, 0.2726

Tritanomaly

51.5233, 0.2951, 0.2952

Monochromacy



Original Color

51.6335, 0.2848, 0.2718

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7184, 0.3018, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6335, 0.2848, 0.2718 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, 184, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 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(194, 184, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 233) }
```

Border

The CSS property to change the border of an element to Yxy 51.6335, 0.2848, 0.2718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

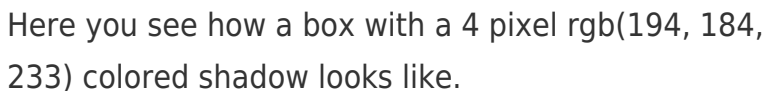
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 184, 233) }
```

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

```
.border{ border-color:rgb(194, 184, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 184, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 184, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 184, 233); box-shadow:4px 4px 4px 4px rgb(194, 184, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6335, 0.2848, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 233) }
```

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

```
.background{ background-color: rgb(194,  
184, 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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