

Converting Colors

Yxy(51.4435, 0.3059, 0.3002)

Have a look what the booklet for
Yxy(51.4435, 0.3059, 0.3002)
contains.

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Color

Yxy(51.4435, 0.3059, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	C7B9D1
RGB	199, 185, 209
RGB Percent	78%, 73%, 82%
CMY	0.2194, 0.2746, 0.1803
CMYK	0.05, 0.11, 0.00, 0.18
HSL	275°, 21%, 77%
HSV	275°, 11%, 82%
XYZ	52.4203, 51.4435, 67.5003
YIQ	191.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

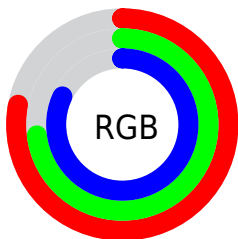
Format	Color
RYB	199, 185, 209
Decimal	13089233
CIELab	76.95, 9.40, -10.28
CIELCh	77, 13.934, 312.450
Yxy	51.4435, 0.3059, 0.3002
Android (android.graphics.Color)	4291279313 (0xFFC7B9D1)
YUV	191.9220, 8.4195, 6.2074
Hunter-Lab	71.7241, 4.9412, -5.5915

Details

The Yxy color **51.4435, 0.3059, 0.3002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7109, 0.3189, 0.3581**, and the grayscale version is **52.6184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **24.8888, 0.3034, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **42.1804, 0.2988, 0.2733**, and if you desaturate by 10%, it is **62.0643, 0.3119, 0.3254**.

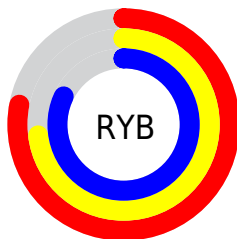
Distribution



Red (78%)

Green (73%)

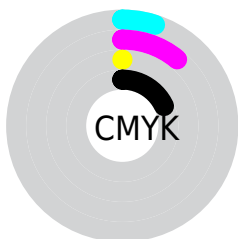
Blue (82%)



Red (78%)

Yellow (73%)

Blue (82%)

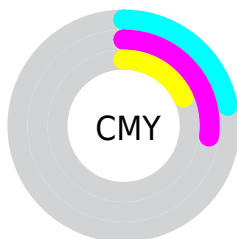


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4435, 0.3059, 0.3002 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 51.4435, 0.3059, 0.3002 by changing the saturation by 10% instead.

■ 51.4435, 0.3059,
0.3002

■ 51.4435, 0.3059,
0.3002

392.2844, 0.3094,
0.3141

■ 36.5617, 0.3050,
0.2969

■ 92.3100, 0.3072,
0.3051

■ 24.8683, 0.3039,
0.2927

119.0635, 0.3076,
0.3070

■ 15.9790, 0.3024,
0.2873

150.5430, 0.3080,
0.3086

■ 9.5093, 0.3003,
0.2799

187.1329, 0.3084,
0.3100

■ 5.0748, 0.2972,
0.2695

229.2176, 0.3087,
0.3112

■ 2.2912, 0.2920,
0.2534

277.1815, 0.3089,

■ 0.7691, 0.2825,

0.3123

0.2248

331.4090, 0.3092,
0.3133

0.0000, 0.0000,
0.0000

51.4435, 0.3059,
0.3002

51.4435, 0.3059,
0.3002

42.1804, 0.2988,
0.2733

62.0643, 0.3119,
0.3254

34.2114, 0.2907,
0.2451

74.0898, 0.3169,
0.3486

27.4775, 0.2815,
0.2164

87.5728, 0.3211,
0.3697

21.9127, 0.2713,
0.1883

93.5765, 0.3260,
0.3761

17.4443, 0.2604,
0.1619

95.0799, 0.3317,
0.3752

■ 13.9914, 0.2492,
0.1388

■ 96.6562, 0.3374,
0.3744

■ 11.4614, 0.2381,
0.1199

■ 97.3844, 0.3400,
0.3740

■ 9.7439, 0.2275,
0.1062

■ 8.7579, 0.2191,
0.0981

Harmonies

Analogous

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



51.4435, 0.2891, 0.2974



51.4435, 0.3059, 0.3002



51.4435, 0.3250, 0.3101

Triad

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



51.4435, 0.3059, 0.3002



51.4435, 0.3477, 0.3545



51.4435, 0.2849, 0.3324

Complementary

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



51.4435, 0.3059, 0.3002



60.7109, 0.3189, 0.3581

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.



51.4435, 0.2999, 0.3491



51.4435, 0.3059, 0.3002



51.4435, 0.3362, 0.3618

Square

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



51.4435, 0.3059, 0.3002



51.4435, 0.3496, 0.3409



51.4435, 0.3187, 0.3600



51.4435, 0.2772, 0.3153

Rectangle

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



51.4435, 0.3059, 0.3002



51.4435, 0.3365, 0.3195



51.4435, 0.3187, 0.3600



51.4435, 0.2892, 0.3383

Sweetspot

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



51.4457, 0.3059, 0.3002



94.6182, 0.3110, 0.3216



53.9486, 0.2949, 0.3118



19.9517, 0.3106, 0.3197



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.



51.4457, 0.3059, 0.3002



76.5955, 0.3041, 0.2932



52.7576, 0.3156, 0.3032



11.7542, 0.3072, 0.3056



5.4578, 0.2204, 0.0988



0.3511, 0.2386, 0.1088

Inverse Universe

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



52.1905, 0.3251, 0.3172



78.0274, 0.3284, 0.3143



59.5111, 0.3099, 0.3562



11.8885, 0.3226, 0.3194



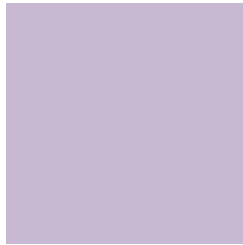
8.7986, 0.5299, 0.2693



0.5076, 0.4825, 0.2431

Previews

White Background



This preview shows how the Yxy color 51.4435, 0.3059, 0.3002 looks on a white background.

Color Contrast Check

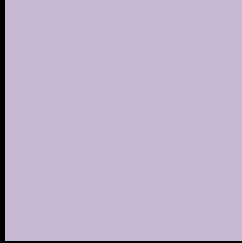
Large Text (above 18pt) WCAG AA × Fail

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 51.4435, 0.3059, 0.3002 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 51.4435, 0.3059, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 51.4435, 0.3059, 0.3002.



This preview shows how white text looks on a background with the Yxy color 51.4435, 0.3059, 0.3002.

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

51.4435, 0.3059, 0.3002

Protanopia

51.6631, 0.2949, 0.3020

Deuteranopia

51.5807, 0.3067, 0.3003



Tritanopia

51.3406, 0.3111, 0.3108

Trichromacy



Original Color

51.4435, 0.3059, 0.3002

Protanomaly

51.6959, 0.2987, 0.3022

Deuteranomaly

51.5807, 0.3067, 0.3003

Tritanomaly

51.4832, 0.3088, 0.3072

Monochromacy



Original Color

51.4435, 0.3059, 0.3002

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0745, 0.3108, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4435, 0.3059, 0.3002 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(199, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 209)  
}
```

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(199, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 209) }
```

Border

The CSS property to change the border of an element to Yxy 51.4435, 0.3059, 0.3002 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(199, 185, 209) }
```

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

```
.border{ border-color:rgb(199, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4435, 0.3059, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 209) }
```

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

```
.background{ background-color: rgb(199,  
185, 209) }
```

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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