

Converting Colors

Yxy(51.1812, 0.3207, 0.3161)

Have a look what the booklet for
Yxy(51.1812, 0.3207, 0.3161)
contains.

Yxy(51.0585, 0.3209, 0.3158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.0585, 0.3209, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	CCB8C3
RGB	204, 184, 195
RGB Percent	80%, 72%, 76%
CMY	0.2001, 0.2784, 0.2354
CMYK	0.00, 0.10, 0.04, 0.20
HSL	327°, 16%, 76%
HSV	327°, 10%, 80%
XYZ	51.8831, 51.0585, 58.7383
YIQ	191.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

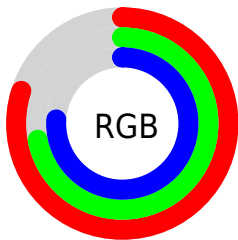
Format	Color
R_YB	204, 184, 195
Decimal	13416643
CIE Lab	76.71, 9.00, -2.96
CIE LCh	77, 9.475, 341.805
Yxy	51.0585, 0.3209, 0.3158
Android (android.graphics.Color)	4291606723 (0xFFCCB8C3)
YUV	191.2340, 1.8566, 11.1958
Hunter-Lab	71.4552, 4.5608, 1.2805

Details

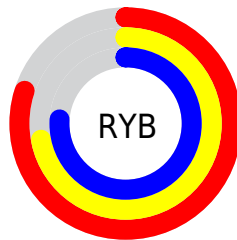
The Yxy color **51.0585, 0.3209, 0.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2114, 0.3053, 0.3426**, and the grayscale version is **52.2269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6085, 0.3152, 0.3175**, and **24.6397, 0.3238, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **42.7850, 0.3309, 0.3016**, and if you desaturate by 10%, it is **60.5838, 0.3125, 0.3293**.

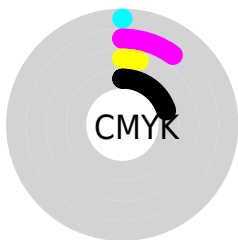
Distribution



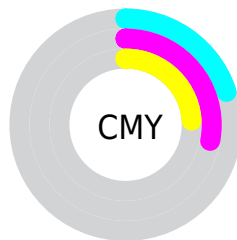
- Red (80%)
- Green (72%)
- Blue (76%)



- Red (80%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0585, 0.3209, 0.3158 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 51.0585, 0.3209, 0.3158 by changing the saturation by 10% instead.


 51.0585, 0.3209,
0.3158

 51.0585, 0.3209,
0.3158


390.7910, 0.3169,
0.3222

 36.2552, 0.3219,
0.3142


 91.7412, 0.3195,
0.3181

 24.6313, 0.3231,
0.3123


118.3894, 0.3189,
0.3190

 15.8026, 0.3247,
0.3097


149.7547, 0.3185,
0.3197

 9.3846, 0.3269,
0.3061

186.2215, 0.3181,
0.3204

 4.9929, 0.3301,
0.3010

228.1741, 0.3177,
0.3209

 2.2431, 0.3352,
0.2929

275.9969, 0.3174,

 0.7433, 0.3454,

0.3214

0.2764

330.0745, 0.3171,
0.3219

0.0000, 0.0000,
0.0000

51.0585, 0.3209,
0.3158

51.0585, 0.3209,
0.3158

42.7850, 0.3309,
0.3016

60.5838, 0.3125,
0.3293

35.7041, 0.3429,
0.2870

71.4034, 0.3056,
0.3419

29.7618, 0.3569,
0.2726

83.5665, 0.2999,
0.3536

24.8973, 0.3732,
0.2590

90.1629, 0.2949,
0.3537

21.0440, 0.3916,
0.2472

90.6979, 0.2900,
0.3438

■ 18.1280, 0.4118,
0.2384

■ 91.2606, 0.2852,
0.3340

■ 16.0650, 0.4332,
0.2338

■ 91.5722, 0.2827,
0.3289

■ 14.7555, 0.4547,
0.2343

■ 14.0186, 0.4758,
0.2396

Harmonies

Analogous

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



51.0585, 0.3079, 0.3090



51.0585, 0.3209, 0.3158



51.0585, 0.3319, 0.3260

Triad

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



51.0585, 0.3209, 0.3158



51.0585, 0.3290, 0.3513



51.0585, 0.2884, 0.3201

Complementary

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



51.0585, 0.3209, 0.3158



57.2114, 0.3053, 0.3426

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.



51.0585, 0.2938, 0.3317



51.0585, 0.3209, 0.3158



51.0585, 0.3172, 0.3500

Square

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



51.0585, 0.3209, 0.3158



51.0585, 0.3366, 0.3464



51.0585, 0.3043, 0.3428



51.0585, 0.2893, 0.3113

Rectangle

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



51.0585, 0.3209, 0.3158



51.0585, 0.3365, 0.3334



51.0585, 0.3043, 0.3428



51.0585, 0.2895, 0.3238

Sweetspot

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



51.0607, 0.3209, 0.3158



94.9959, 0.3151, 0.3250



49.9839, 0.3048, 0.3045



20.0539, 0.3158, 0.3239



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.



51.0607, 0.3209, 0.3158



81.1505, 0.3231, 0.3125



50.6250, 0.3289, 0.3278



11.3151, 0.3206, 0.3163



8.8370, 0.4735, 0.2382



0.4711, 0.4357, 0.2174

Inverse Universe

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



51.0607, 0.3209, 0.3158



81.1505, 0.3231, 0.3125



57.6712, 0.2985, 0.3302



11.3151, 0.3206, 0.3163



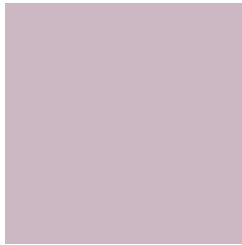
8.8370, 0.4735, 0.2382



0.4711, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 51.0585, 0.3209, 0.3158 looks on a white background.

Color Contrast Check

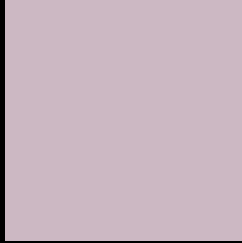
Large Text (above 18pt) WCAG AA × Fail

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 51.0585, 0.3209, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

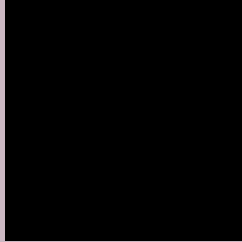
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0585, 0.3209, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 51.0585, 0.3209, 0.3158.



This preview shows how white text looks on a background with the Yxy color 51.0585, 0.3209, 0.3158.

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

51.0585, 0.3209, 0.3158

Protanopia

50.9908, 0.3068, 0.3166

Deuteranopia

51.2002, 0.3218, 0.3158



Tritanopia

51.1956, 0.3185, 0.3122

Trichromacy



Original Color

51.0585, 0.3209, 0.3158

Protanomaly

51.1740, 0.3116, 0.3167

Deuteranomaly

51.2002, 0.3218, 0.3158

Tritanomaly

51.1496, 0.3193, 0.3134

Monochromacy



Original Color

51.0585, 0.3209, 0.3158

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5080, 0.3163, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0585, 0.3209, 0.3158 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(204, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 195)  
}
```

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(204, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.0585, 0.3209, 0.3158 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(204, 184, 195) }
```

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

```
.border{ border-color:rgb(204, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0585, 0.3209, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 195) }
```

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

```
.background{ background-color: rgb(204,  
184, 195) }
```

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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