

Converting Colors

Yxy(51.0252, 0.3186, 0.3109)

Have a look what the booklet for
Yxy(51.0252, 0.3186, 0.3109)
contains.

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Color

Yxy(50.7816, 0.3186, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	CCB7C6
RGB	204, 183, 198
RGB Percent	80%, 72%, 78%
CMY	0.2001, 0.2823, 0.2236
CMYK	0.00, 0.10, 0.03, 0.20
HSL	317°, 17%, 76%
HSV	317°, 10%, 80%
XYZ	52.0226, 50.7816, 60.4807
YIQ	190.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

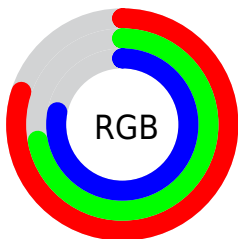
Format	Color
RYB	204, 183, 198
Decimal	13416390
CIELab	76.55, 10.09, -4.84
CIElCh	77, 11.192, 334.364
Yxy	50.7816, 0.3186, 0.3110
Android (android.graphics.Color)	4291606470 (0xFFCCB7C6)
YUV	190.9890, 3.4564, 11.4106
Hunter-Lab	71.2612, 5.6026, -0.4377

Details

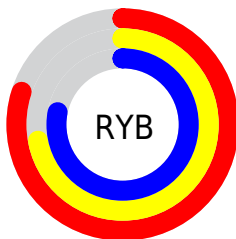
The Yxy color **50.7816, 0.3186, 0.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9177, 0.3073, 0.3477**, and the grayscale version is **52.0694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **24.4629, 0.3207, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **42.7058, 0.3253, 0.2928**, and if you desaturate by 10%, it is **60.0916, 0.3129, 0.3285**.

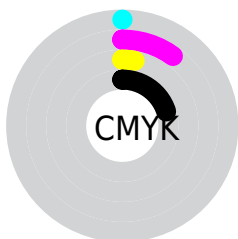
Distribution



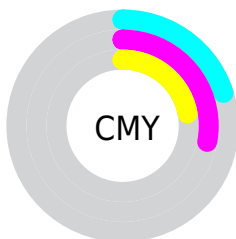
- Red (80%)
- Green (72%)
- Blue (78%)



- Red (80%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7816, 0.3186, 0.3110 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 50.7816, 0.3186, 0.3110 by changing the saturation by 10% instead.


 50.7816, 0.3186,
0.3110

 50.7816, 0.3186,
0.3110

389.7147, 0.3158,
0.3198

 36.0348, 0.3193,
0.3089


 91.3319, 0.3176,
0.3141

 24.4611, 0.3201,
0.3062


117.9041, 0.3172,
0.3153

 15.6760, 0.3213,
0.3027


149.1870, 0.3169,
0.3163

 9.2952, 0.3228,
0.2980

185.5649, 0.3166,
0.3172

 4.9342, 0.3249,
0.2911

227.4223, 0.3163,
0.3180

 2.2087, 0.3283,
0.2804

275.1434, 0.3161,

 0.7247, 0.3352,

0.3186

0.2588

329.1127, 0.3159,
0.3192

0.0000, 0.0000,
0.0000

50.7816, 0.3186,
0.3110

50.7816, 0.3186,
0.3110

42.7058, 0.3253,
0.2928

60.0916, 0.3129,
0.3285

35.8052, 0.3332,
0.2742

70.6782, 0.3080,
0.3451

30.0260, 0.3421,
0.2560

82.5903, 0.3039,
0.3605

25.3073, 0.3521,
0.2389

89.5897, 0.3006,
0.3652

21.5828, 0.3631,
0.2240

89.9060, 0.2974,
0.3587

■ 18.7783, 0.3747,
0.2122

■ 90.2333, 0.2943,
0.3524

■ 16.8095, 0.3867,
0.2046

■ 90.5715, 0.2912,
0.3461

■ 15.5762, 0.3986,
0.2018

■ 90.9208, 0.2881,
0.3399

■ 14.9015, 0.4099,
0.2032

■ 91.2812, 0.2851,
0.3337

Harmonies

Analogous

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



50.7816, 0.3033, 0.3044



50.7816, 0.3186, 0.3110



50.7816, 0.3326, 0.3222

Triad

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



50.7816, 0.3186, 0.3110



50.7816, 0.3348, 0.3546



50.7816, 0.2849, 0.3216

Complementary

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



50.7816, 0.3186, 0.3110



56.9177, 0.3073, 0.3477

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.



50.7816, 0.2930, 0.3357



50.7816, 0.3186, 0.3110



50.7816, 0.3217, 0.3551

Square

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



50.7816, 0.3186, 0.3110



50.7816, 0.3421, 0.3472



50.7816, 0.3064, 0.3481



50.7816, 0.2841, 0.3101

Rectangle

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



50.7816, 0.3186, 0.3110



50.7816, 0.3392, 0.3309



50.7816, 0.3064, 0.3481



50.7816, 0.2869, 0.3262

Sweetspot

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



50.7838, 0.3186, 0.3110



95.0759, 0.3144, 0.3238



49.0443, 0.3015, 0.3030



20.0755, 0.3148, 0.3224



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.



50.7838, 0.3186, 0.3110



81.4567, 0.3198, 0.3076



50.3187, 0.3270, 0.3235



11.3470, 0.3181, 0.3126



9.3983, 0.4083, 0.2023



0.4975, 0.3874, 0.1908

Inverse Universe

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



50.7838, 0.3186, 0.3110



81.4567, 0.3198, 0.3076



57.3874, 0.3001, 0.3346



11.3470, 0.3181, 0.3126



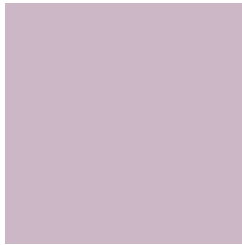
9.3983, 0.4083, 0.2023



0.4975, 0.3874, 0.1908

Previews

White Background



This preview shows how the Yxy color 50.7816, 0.3186, 0.3110 looks on a white background.

Color Contrast Check

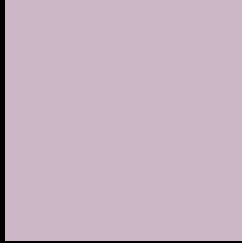
Large Text (above 18pt) WCAG AA × Fail

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 50.7816, 0.3186, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

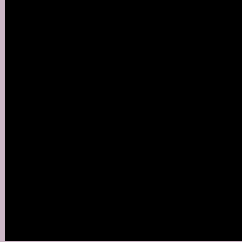
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7816, 0.3186, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 50.7816, 0.3186, 0.3110.



This preview shows how white text looks on a background with the Yxy color 50.7816, 0.3186, 0.3110.

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

50.7816, 0.3186, 0.3110

Protanopia

51.0023, 0.3037, 0.3129

Deuteranopia

50.6407, 0.3178, 0.3109



Tritanopia

50.7356, 0.3194, 0.3122

Trichromacy



Original Color

50.7816, 0.3186, 0.3110

Protanomaly

50.7573, 0.3086, 0.3118

Deuteranomaly

50.6407, 0.3178, 0.3109

Tritanomaly

50.7356, 0.3194, 0.3122

Monochromacy



Original Color

50.7816, 0.3186, 0.3110

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5972, 0.3147, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7816, 0.3186, 0.3110 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, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(204, 183, 198)  
}
```

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, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 183, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.7816, 0.3186, 0.3110 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, 183, 198) }
```

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

```
.border{ border-color:rgb(204, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 183,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7816, 0.3186, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 183, 198) }
```

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

```
.background{ background-color: rgb(204,  
183, 198) }
```

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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