

Converting Colors

$Y_{xy}(27.3217, 0.4024, 0.3111)$

Have a look what the booklet for
Yxy(27.3217, 0.4024, 0.3111)
contains.

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Color

Yxy(27.3193, 0.4016, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	CB7684
RGB	203, 118, 132
RGB Percent	80%, 46%, 52%
CMY	0.2038, 0.5373, 0.4823
CMYK	0.00, 0.42, 0.35, 0.20
HSL	350°, 45%, 63%
HSV	350°, 42%, 80%
XYZ	35.2779, 27.3193, 25.2462
YIQ	145.0110, 46.1660, 22.3740

Conversions

Conversions Part 2

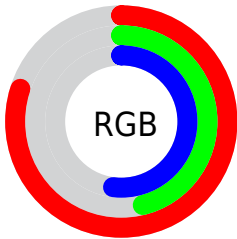
Format	Color
R _Y B	203, 118, 132
Decimal	13334148
CIE Lab	59.27, 34.89, 6.90
CIE LCh	59, 35.571, 11.193
Yxy	27.3193, 0.4016, 0.3110
Android (android.graphics.Color)	4291524228 (0xFFCB7684)
YUV	145.0110, -6.4144, 50.8564
Hunter-Lab	52.2679, 29.0088, 7.9495

Details

The Yxy color **27.3193, 0.4016, 0.3110** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **50.2502, 0.2638, 0.3487**, and the grayscale version is **28.3329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8886, 0.3768, 0.3145**, and **10.7498, 0.4330, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **22.6160, 0.4358, 0.3073**, and if you desaturate by 10%, it is **33.1297, 0.3730, 0.3153**.

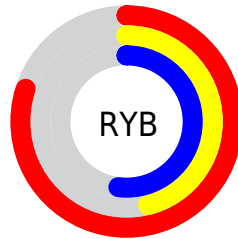
Distribution



Red (80%)

Green (46%)

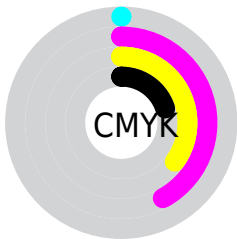
Blue (52%)



Red (80%)

Yellow (46%)

Blue (52%)

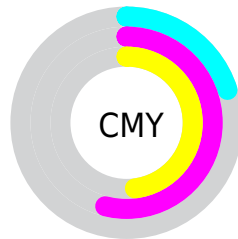


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (20%)



Cyan (20%)


Magenta (54%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3193, 0.4016, 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 27.3193, 0.4016, 0.3110 by changing the saturation by 10% instead.


 27.3193, 0.4016,
0.3110


 27.3193, 0.4016,
0.3110


289.1998, 0.3529,
0.3217


 17.8132, 0.4153,
0.3077


 55.3958, 0.3828,
0.3153

 10.8159, 0.4339,
0.3029


 74.7350, 0.3761,
0.3168

 5.9432, 0.4604,
0.2957

 98.1206, 0.3705,
0.3180

 2.8106, 0.5012,
0.2837

125.9372, 0.3659,
0.3190

 1.0337, 0.5755,
0.2630

158.5689, 0.3619,
0.3198

 0.0000, 1.0000,
0.0000

196.4004, 0.3585,

 0.0000, 0.0000,

0.3206

0.0000

239.8159, 0.3555,
0.3212

■ 27.3193, 0.4016,
0.3110

■ 27.3193, 0.4016,
0.3110

■ 22.6160, 0.4358,
0.3073

■ 33.1297, 0.3730,
0.3153

■ 18.9455, 0.4751,
0.3048

■ 40.1074, 0.3496,
0.3198

■ 16.2308, 0.5176,
0.3044


■ 48.3128, 0.3306,
0.3242

■ 14.3820, 0.5594,
0.3068

■ 57.8012, 0.3153,
0.3283


■ 13.2923, 0.5952,
0.3122

■ 68.6244, 0.3029,
0.3321

 12.8129, 0.6173,
0.3174

 80.8314, 0.2929,
0.3355

 91.1664, 0.2844,
0.3334

 91.4404, 0.2822,
0.3289

Harmonies

Analogous

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



27.3193, 0.3472, 0.2716



27.3193, 0.4016, 0.3110



27.3193, 0.4298, 0.3565

Triad

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



27.3193, 0.4016, 0.3110



27.3193, 0.3295, 0.4341



27.3193, 0.2118, 0.2482

Complementary

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



27.3193, 0.4016, 0.3110



50.2502, 0.2638, 0.3487

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.



27.3193, 0.2082, 0.2837



27.3193, 0.4016, 0.3110



27.3193, 0.2727, 0.3985

Square

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



27.3193, 0.4016, 0.3110



27.3193, 0.3846, 0.4317



27.3193, 0.2292, 0.3393



27.3193, 0.2390, 0.2360

Rectangle

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



27.3193, 0.4016, 0.3110



27.3193, 0.4288, 0.3866



27.3193, 0.2292, 0.3393



27.3193, 0.2079, 0.2574

Sweetspot

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



27.3206, 0.4016, 0.3110



78.9864, 0.3328, 0.3236



28.0674, 0.3028, 0.2224



16.2227, 0.3368, 0.3226



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.



27.3206, 0.4016, 0.3110



38.7229, 0.4313, 0.3077



34.6693, 0.4037, 0.3660



11.2433, 0.3265, 0.3252



8.1606, 0.6146, 0.3159



0.4307, 0.5645, 0.2883

Inverse Universe

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



27.3206, 0.4016, 0.3110



38.7229, 0.4313, 0.3077



38.6999, 0.2493, 0.2879



11.2433, 0.3265, 0.3252



8.1606, 0.6146, 0.3159



0.4307, 0.5645, 0.2883

Previews

White Background



This preview shows how the Yxy color 27.3193, 0.4016, 0.3110 looks on a white background.

Color Contrast Check

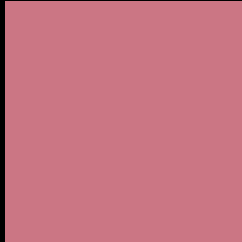
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3193, 0.4016, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

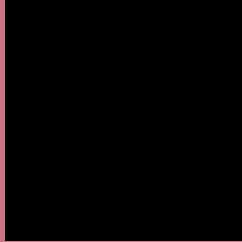
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3193, 0.4016, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 27.3193, 0.4016, 0.3110.



This preview shows how white text looks on a background with the Yxy color 27.3193, 0.4016, 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

27.3193, 0.4016, 0.3110

Protanopia

27.4411, 0.3120, 0.3226

Deuteranopia

27.4433, 0.3494, 0.3431



Tritanopia

27.4487, 0.4063, 0.3175

Trichromacy



Original Color

27.3193, 0.4016, 0.3110

Protanomaly

26.8051, 0.3420, 0.3169

Deuteranomaly

27.1914, 0.3682, 0.3306

Tritanomaly

27.4751, 0.4050, 0.3162

Monochromacy



Original Color

27.3193, 0.4016, 0.3110

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3284, 0.3426, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3193, 0.4016, 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(203, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(203, 118, 132)  
}
```

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(203, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 118, 132) }
```

Border

The CSS property to change the border of an element to Yxy 27.3193, 0.4016, 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(203, 118, 132) }
```

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

```
.border{ border-color:rgb(203, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(203, 118,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3193, 0.4016, 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(203, 118, 132) }
```

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

```
.background{ background-color: rgb(203,  
118, 132) }
```

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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