

Converting Colors

$Yxy(48.7196, 0.3207, 0.3313)$

Have a look what the booklet for
Yxy(48.7196, 0.3207, 0.3313)
contains.

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Color

Yxy(48.8648, 0.3211, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	C0B8B6
RGB	192, 184, 182
RGB Percent	75%, 72%, 71%
CMY	0.2471, 0.2784, 0.2864
CMYK	0.00, 0.04, 0.05, 0.25
HSL	12°, 7%, 73%
HSV	12°, 5%, 75%
XYZ	47.3175, 48.8648, 51.1784
YIQ	186.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

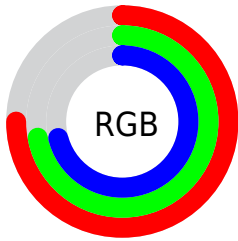
Format	Color
R_{YB}	192, 185, 182
Decimal	12630198
CIE Lab	75.37, 2.45, 2.03
CIE LCh	75, 3.181, 39.571
Yxy	48.8648, 0.3211, 0.3316
Android (android.graphics.Color)	4290820278 (0xFFC0B8B6)
YUV	186.1640, -2.0529, 5.1182
Hunter-Lab	69.9034, -1.5044, 5.5244

Details

The Yxy color **48.8648, 0.3211, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5523, 0.3047, 0.3264**, and the grayscale version is **49.2084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4497, 0.3192, 0.3310**, and **23.3065, 0.3242, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **42.1131, 0.3397, 0.3369**, and if you desaturate by 10%, it is **56.4163, 0.3057, 0.3267**.

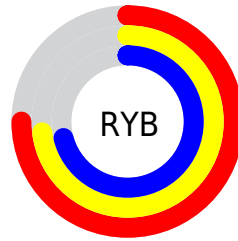
Distribution



Red (75%)

Green (72%)

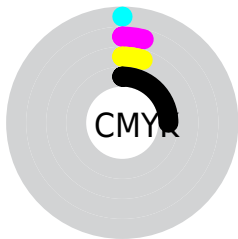
Blue (71%)



Red (75%)

Yellow (73%)

Blue (71%)

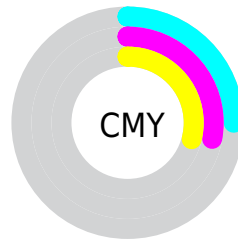


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8648, 0.3211, 0.3316 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 48.8648, 0.3211, 0.3316 by changing the saturation by 10% instead.


 48.8648, 0.3211,
0.3316

 48.8648, 0.3211,
0.3316


382.2098, 0.3169,
0.3303

 34.5122, 0.3221,
0.3319


 88.4906, 0.3196,
0.3311

 23.2874, 0.3235,
0.3323


114.5327, 0.3190,
0.3310

 14.8059, 0.3252,
0.3328

145.2400, 0.3185,
0.3308

 8.6832, 0.3277,
0.3335

180.9970, 0.3181,
0.3307

 4.5352, 0.3313,
0.3346

222.1881, 0.3178,
0.3306

 1.9772, 0.3373,
0.3362

269.1977, 0.3175,

 0.5942, 0.3623,

0.3305

0.3446

322.4101, 0.3172,
0.3304

0.0000, 0.0000,
0.0000

48.8648, 0.3211,
0.3316

48.8648, 0.3211,
0.3316

42.1131, 0.3397,
0.3369

56.4163, 0.3057,
0.3267

36.1287, 0.3621,
0.3424

64.7862, 0.2930,
0.3222

30.8862, 0.3889,
0.3481

74.0003, 0.2823,
0.3182

26.3564, 0.4206,
0.3535

83.8365, 0.2753,
0.3184

22.5080, 0.4570,
0.3580

89.9450, 0.2762,
0.3289

■ 19.3077, 0.4970,
0.3609

■ 16.7189, 0.5381,
0.3611

■ 14.7014, 0.5760,
0.3580

■ 13.2097, 0.6058,
0.3513

Harmonies

Analogous

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



48.8648, 0.3190, 0.3277



48.8648, 0.3211, 0.3316



48.8648, 0.3209, 0.3348

Triad

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



48.8648, 0.3211, 0.3316



48.8648, 0.3102, 0.3339



48.8648, 0.3069, 0.3216

Complementary

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



48.8648, 0.3211, 0.3316



50.5523, 0.3047, 0.3264

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.



48.8648, 0.3046, 0.3232



48.8648, 0.3211, 0.3316



48.8648, 0.3065, 0.3303

Square

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



48.8648, 0.3211, 0.3316



48.8648, 0.3146, 0.3362



48.8648, 0.3044, 0.3263



48.8648, 0.3108, 0.3220

Rectangle

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



48.8648, 0.3211, 0.3316



48.8648, 0.3196, 0.3362



48.8648, 0.3044, 0.3263



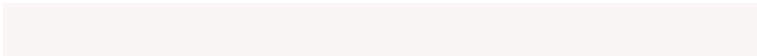
48.8648, 0.3059, 0.3219

Sweetspot

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



48.8669, 0.3211, 0.3316



92.7545, 0.3159, 0.3300



48.3668, 0.3149, 0.3190



19.9285, 0.3157, 0.3300



97.7402, 0.3127, 0.3290



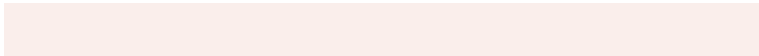
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.8669, 0.3211, 0.3316



87.4228, 0.3226, 0.3321



50.9696, 0.3206, 0.3378



10.8436, 0.3234, 0.3323



8.6118, 0.6154, 0.3495



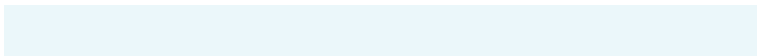
0.4723, 0.5727, 0.3835

Inverse Universe

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



50.5523, 0.3047, 0.3264



90.9707, 0.3034, 0.3259



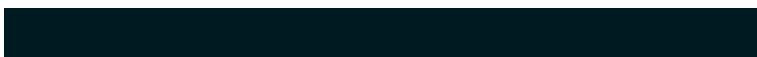
48.4355, 0.3049, 0.3200



11.3190, 0.3027, 0.3257



17.9867, 0.2064, 0.2630



0.8674, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 48.8648, 0.3211, 0.3316 looks on a white background.

Color Contrast Check

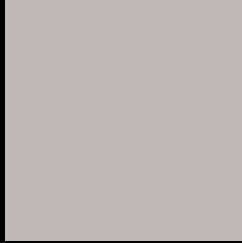
Large Text (above 18pt) WCAG AA × Fail

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 48.8648, 0.3211, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

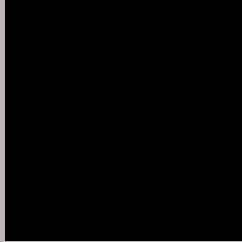
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

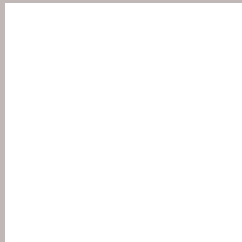
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8648, 0.3211, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 48.8648, 0.3211, 0.3316.



This preview shows how white text looks on a background with the Yxy color 48.8648, 0.3211, 0.3316.

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

48.8648, 0.3211, 0.3316

Protanopia

49.0225, 0.3193, 0.3328

Deuteranopia

48.8988, 0.3312, 0.3254



Tritanopia

48.9108, 0.3118, 0.3117

Trichromacy



Original Color

48.8648, 0.3211, 0.3316

Protanomaly

49.1517, 0.3201, 0.3328

Deuteranomaly

48.7460, 0.3275, 0.3266

Tritanomaly

48.9660, 0.3149, 0.3190

Monochromacy



Original Color

48.8648, 0.3211, 0.3316

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8921, 0.3152, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8648, 0.3211, 0.3316 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(192, 184, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 182)  
}
```

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(192, 184, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 182) }
```

Border

The CSS property to change the border of an element to Yxy 48.8648, 0.3211, 0.3316 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(192, 184, 182) }
```

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

```
.border{ border-color:rgb(192, 184, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 184, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 184, 182); box-shadow:4px 4px 4px 4px rgb(192, 184, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8648, 0.3211, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 182) }
```

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

```
.background{ background-color: rgb(192,  
184, 182) }
```

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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