

Converting Colors

$Yxy(48.8885, 0.3208, 0.3138)$

Have a look what the booklet for
Yxy(48.8885, 0.3208, 0.3138)
contains.

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Color

Yxy(48.8658, 0.3211, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	C9B4C0
RGB	201, 180, 192
RGB Percent	79%, 71%, 75%
CMY	0.2118, 0.2941, 0.2469
CMYK	0.00, 0.10, 0.04, 0.21
HSL	326°, 16%, 75%
HSV	326°, 10%, 79%
XYZ	49.9230, 48.8658, 56.6862
YIQ	187.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

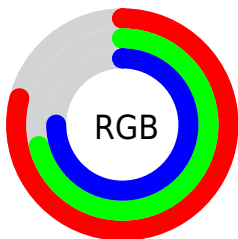
Format	Color
R _Y B	201, 180, 192
Decimal	13219008
CIE Lab	75.37, 9.59, -3.36
CIE LCh	75, 10.166, 340.688
Yxy	48.8658, 0.3211, 0.3143
Android (android.graphics.Color)	4291409088 (0xFFC9B4C0)
YUV	187.6470, 2.1460, 11.7106
Hunter-Lab	69.9041, 5.1463, 0.8538

Details

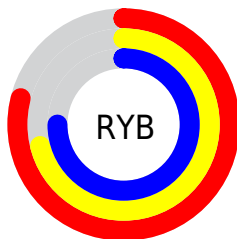
The Yxy color $48.8658, 0.3211, 0.3143$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.1446, 0.3051, 0.3442$, and the grayscale version is $50.0639, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.0282, 0.3179, 0.3174$, and $23.2459, 0.3231, 0.3093$ is the 20% darker color. If you saturate the color by 10%, you get $40.9629, 0.3307, 0.2995$, and if you desaturate by 10%, it is $57.9718, 0.3130, 0.3284$.

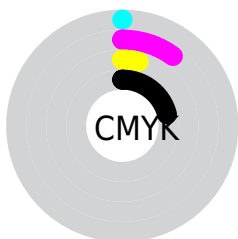
Distribution



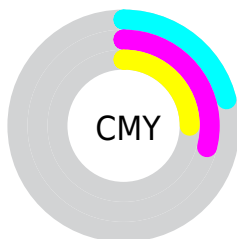
- Red (79%)
- Green (71%)
- Blue (75%)



- Red (79%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (21%)





- Cyan (21%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8658, 0.3211, 0.3143 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 48.8658, 0.3211, 0.3143 by changing the saturation by 10% instead.

 48.8658, 0.3211,
0.3143

 48.8658, 0.3211,
0.3143


382.2138, 0.3170,
0.3215

 34.5130, 0.3221,
0.3125


 88.4921, 0.3196,
0.3169

 23.2880, 0.3234,
0.3103


114.5344, 0.3191,
0.3179

 14.8063, 0.3251,
0.3073


145.2421, 0.3186,
0.3187

 8.6836, 0.3274,
0.3033

180.9994, 0.3182,
0.3194

 4.5354, 0.3308,
0.2974

222.1909, 0.3178,
0.3201

 1.9773, 0.3362,
0.2880

269.2008, 0.3175,

 0.5942, 0.3512,

0.3206

0.2612

322.4136, 0.3172,
0.3211

0.0000, 0.0000,
0.0000

48.8658, 0.3211,
0.3143

48.8658, 0.3211,
0.3143

40.9629, 0.3307,
0.2995

57.9718, 0.3130,
0.3284

34.2060, 0.3422,
0.2844

68.3224, 0.3063,
0.3416

28.5427, 0.3556,
0.2694

79.9646, 0.3008,
0.3539

23.9141, 0.3710,
0.2553

89.4465, 0.2961,
0.3597

20.2557, 0.3884,
0.2432

89.9306, 0.2915,
0.3503

■ 17.4958, 0.4074,
0.2341

■ 90.4385, 0.2870,
0.3410

■ 15.5524, 0.4273,
0.2293

■ 90.9708, 0.2825,
0.3319

■ 14.3284, 0.4474,
0.2296

■ 91.1559, 0.2811,
0.3289

■ 13.6576, 0.4662,
0.2342

Harmonies

Analogous

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



48.8658, 0.3069, 0.3071



48.8658, 0.3211, 0.3143



48.8658, 0.3332, 0.3252

Triad

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



48.8658, 0.3211, 0.3143



48.8658, 0.3309, 0.3532



48.8658, 0.2864, 0.3197

Complementary

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



48.8658, 0.3211, 0.3143



55.1446, 0.3051, 0.3442

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.



48.8658, 0.2925, 0.3324



48.8658, 0.3211, 0.3143



48.8658, 0.3181, 0.3521

Square

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



48.8658, 0.3211, 0.3143



48.8658, 0.3389, 0.3476



48.8658, 0.3040, 0.3444



48.8658, 0.2871, 0.3099

Rectangle

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



48.8658, 0.3211, 0.3143



48.8658, 0.3384, 0.3333



48.8658, 0.3040, 0.3444



48.8658, 0.2877, 0.3238

Sweetspot

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



48.8679, 0.3211, 0.3143



95.0072, 0.3150, 0.3248



47.6482, 0.3037, 0.3028



20.0569, 0.3156, 0.3237



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.



48.8679, 0.3211, 0.3143



79.7645, 0.3236, 0.3103



48.4281, 0.3296, 0.3269



10.7371, 0.3202, 0.3158



8.6071, 0.4635, 0.2327



0.4218, 0.4260, 0.2120

Inverse Universe

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



48.8679, 0.3211, 0.3143



79.7645, 0.3236, 0.3103



55.6066, 0.2980, 0.3311



10.7371, 0.3202, 0.3158



8.6071, 0.4635, 0.2327



0.4218, 0.4260, 0.2120

Previews

White Background



This preview shows how the Yxy color 48.8658, 0.3211, 0.3143 looks on a white background.

Color Contrast Check

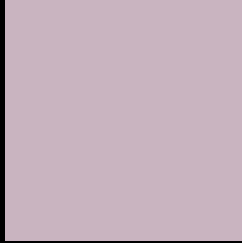
Large Text (above 18pt) WCAG AA × Fail

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 48.8658, 0.3211, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

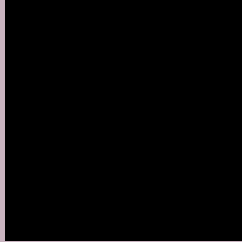
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8658, 0.3211, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 48.8658, 0.3211, 0.3143.



This preview shows how white text looks on a background with the Yxy color 48.8658, 0.3211, 0.3143.

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

48.8658, 0.3211, 0.3143

Protanopia

49.0772, 0.3059, 0.3164

Deuteranopia

48.8658, 0.3211, 0.3143



Tritanopia

48.9551, 0.3195, 0.3119

Trichromacy



Original Color

48.8658, 0.3211, 0.3143

Protanomaly

48.8384, 0.3108, 0.3152

Deuteranomaly

48.8658, 0.3211, 0.3143

Tritanomaly

48.9103, 0.3203, 0.3131

Monochromacy



Original Color

48.8658, 0.3211, 0.3143

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.7095, 0.3163, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8658, 0.3211, 0.3143 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(201, 180, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 180, 192)  
}
```

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(201, 180, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 180, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.8658, 0.3211, 0.3143 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(201, 180, 192) }
```

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

```
.border{ border-color:rgb(201, 180, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 180, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 180, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 180, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 180,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8658, 0.3211, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 180, 192) }
```

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

```
.background{ background-color: rgb(201,  
180, 192) }
```

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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