

Converting Colors

$Yxy(48.8007, 0.3185, 0.3271)$

Have a look what the booklet for
Yxy(48.8007, 0.3185, 0.3271)
contains.

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Color

Yxy(48.9902, 0.3187, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C0B8B9
RGB	192, 184, 185
RGB Percent	75%, 72%, 73%
CMY	0.2471, 0.2784, 0.2746
CMYK	0.00, 0.04, 0.04, 0.25
HSL	353°, 6%, 74%
HSV	353°, 4%, 75%
XYZ	47.6302, 48.9902, 52.8311
YIQ	186.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

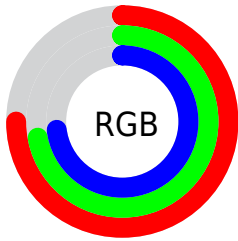
Format	Color
RYB	192, 184, 185
Decimal	12630201
CIELab	75.45, 2.99, 0.50
CIElCh	75, 3.029, 9.597
Yxy	48.9902, 0.3187, 0.3278
Android (android.graphics.Color)	4290820281 (0xFFC0B8B9)
YUV	186.5060, -0.7425, 4.8182
Hunter-Lab	69.9930, -1.0186, 4.2427

Details

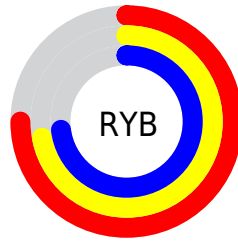
The Yxy color **48.9902, 0.3187, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6461, 0.3070, 0.3302**, and the grayscale version is **49.4030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6275, 0.3174, 0.3280**, and **23.3875, 0.3209, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **40.8785, 0.3355, 0.3248**, and if you desaturate by 10%, it is **58.2732, 0.3051, 0.3306**.

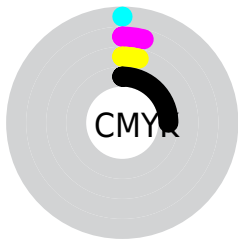
Distribution



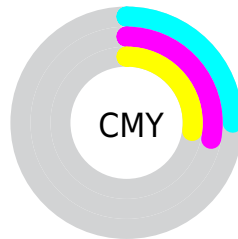
- Red (75%)
- Green (72%)
- Blue (73%)



- Red (75%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9902, 0.3187, 0.3278 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 48.9902, 0.3187, 0.3278 by changing the saturation by 10% instead.


 48.9902, 0.3187,
0.3278

 48.9902, 0.3187,
0.3278


382.7037, 0.3157,
0.3284

 34.6117, 0.3194,
0.3276


 88.6769, 0.3176,
0.3280

 23.3639, 0.3204,
0.3275


114.7539, 0.3172,
0.3281

 14.8625, 0.3216,
0.3272


145.4992, 0.3169,
0.3282

 8.7229, 0.3234,
0.3268

181.2971, 0.3166,
0.3282

 4.5609, 0.3259,
0.3263

222.5322, 0.3163,
0.3283

 1.9920, 0.3302,
0.3254

269.5887, 0.3161,

 0.6028, 0.3454,

0.3283

0.3224

322.8511, 0.3159,
0.3284

0.0000, 0.0000,
0.0000

48.9902, 0.3187,
0.3278

48.9902, 0.3187,
0.3278

40.8785, 0.3355,
0.3248

58.2732, 0.3051,
0.3306

33.8856, 0.3564,
0.3216

68.7647, 0.2942,
0.3332

27.9640, 0.3822,
0.3183

80.5084, 0.2853,
0.3355

23.0610, 0.4136,
0.3153

89.7830, 0.2775,
0.3316

19.1189, 0.4508,
0.3128

89.9442, 0.2762,
0.3289

■ 16.0745, 0.4930,
0.3115

■ 13.8569, 0.5372,
0.3119

■ 12.3846, 0.5787,
0.3145

■ 11.5592, 0.6114,
0.3193

Harmonies

Analogous

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



48.9902, 0.3151, 0.3245



48.9902, 0.3187, 0.3278



48.9902, 0.3207, 0.3315

Triad

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



48.9902, 0.3187, 0.3278



48.9902, 0.3145, 0.3358



48.9902, 0.3050, 0.3235

Complementary

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



48.9902, 0.3187, 0.3278



51.6461, 0.3070, 0.3302

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.



48.9902, 0.3048, 0.3265



48.9902, 0.3187, 0.3278



48.9902, 0.3103, 0.3336

Square

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



48.9902, 0.3187, 0.3278



48.9902, 0.3183, 0.3361



48.9902, 0.3068, 0.3302



48.9902, 0.3072, 0.3220

Rectangle

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



48.9902, 0.3187, 0.3278



48.9902, 0.3208, 0.3336



48.9902, 0.3068, 0.3302



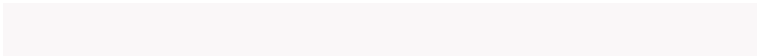
48.9902, 0.3047, 0.3243

Sweetspot

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



48.9923, 0.3187, 0.3278



93.8315, 0.3141, 0.3287



49.1573, 0.3123, 0.3190



20.1480, 0.3141, 0.3287



97.7402, 0.3127, 0.3290



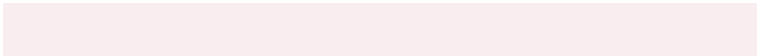
20.4902, 0.3127, 0.3290

Same Dimension

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



48.9923, 0.3187, 0.3278



87.3358, 0.3201, 0.3275



50.1786, 0.3192, 0.3327



10.8018, 0.3210, 0.3274



7.5893, 0.6233, 0.3207



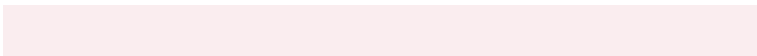
0.3346, 0.5768, 0.2951

Inverse Universe

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



48.9923, 0.3187, 0.3278



87.3358, 0.3201, 0.3275



50.4182, 0.3064, 0.3253



10.8018, 0.3210, 0.3274



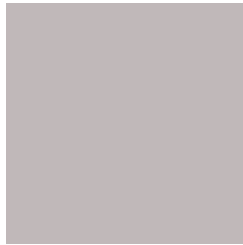
7.5893, 0.6233, 0.3207



0.3346, 0.5768, 0.2951

Previews

White Background



This preview shows how the Yxy color 48.9902, 0.3187, 0.3278 looks on a white background.

Color Contrast Check

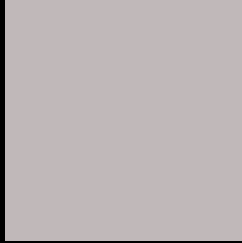
Large Text (above 18pt) WCAG AA × Fail

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 48.9902, 0.3187, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

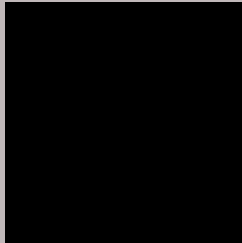
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

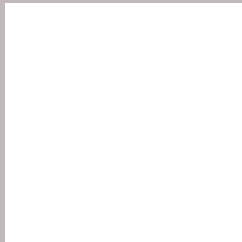
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9902, 0.3187, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 48.9902, 0.3187, 0.3278.

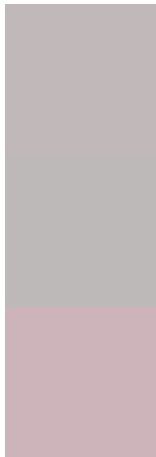


This preview shows how white text looks on a background with the Yxy color 48.9902, 0.3187, 0.3278.

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

48.9902, 0.3187, 0.3278

Protanopia

49.0195, 0.3161, 0.3290

Deuteranopia

49.0251, 0.3287, 0.3217



Tritanopia

48.9564, 0.3111, 0.3104

Trichromacy



Original Color

48.9902, 0.3187, 0.3278

Protanomaly

49.1479, 0.3169, 0.3290

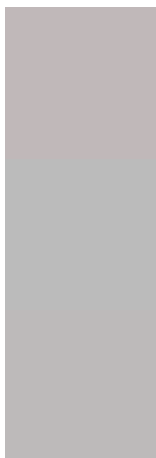
Deuteranomaly

48.8723, 0.3251, 0.3229

Tritanomaly

49.0547, 0.3133, 0.3165

Monochromacy



Original Color

48.9902, 0.3187, 0.3278

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4818, 0.3152, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9902, 0.3187, 0.3278 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.9902, 0.3187, 0.3278 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, 185) }
```

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

```
.border{ border-color:rgb(192, 184, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 185);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9902, 0.3187, 0.3278 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, 185) }
```

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

```
.background{ background-color: rgb(192,  
184, 185) }
```

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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