

Converting Colors

$Yxy(49.1787, 0.3449, 0.3244)$

Have a look what the booklet for
Yxy(49.1787, 0.3449, 0.3244)
contains.

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Color

Yxy(48.9449, 0.3451, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	D8B0B4
RGB	216, 176, 180
RGB Percent	85%, 69%, 71%
CMY	0.1529, 0.3098, 0.2940
CMYK	0.00, 0.19, 0.17, 0.15
HSL	354°, 34%, 77%
HSV	354°, 19%, 85%
XYZ	52.0841, 48.9449, 49.8957
YIQ	188.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

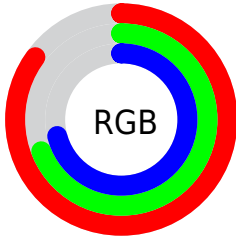
Format	Color
R _Y B	216, 176, 180
Decimal	14201012
CIE Lab	75.42, 15.12, 3.42
CIE LCh	75, 15.503, 12.755
Yxy	48.9449, 0.3451, 0.3243
Android (android.graphics.Color)	4292391092 (0xFFD8B0B4)
YUV	188.4160, -4.1491, 24.1912
Hunter-Lab	69.9606, 10.4582, 6.6870

Details

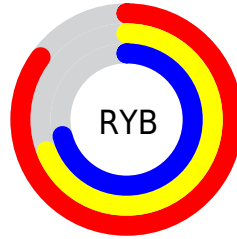
The Yxy color **48.9449, 0.3451, 0.3243** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.0939, 0.2875, 0.3338**, and the grayscale version is **50.5546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0294, 0.3259, 0.3251**, and **23.2753, 0.3552, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **40.4025, 0.3688, 0.3216**, and if you desaturate by 10%, it is **58.9504, 0.3260, 0.3269**.

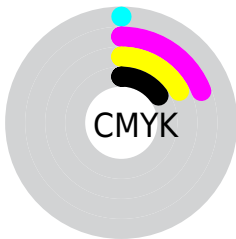
Distribution



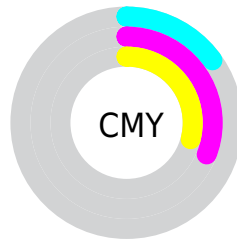
- Red (85%)
- Green (69%)
- Blue (71%)



- Red (85%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9449, 0.3451, 0.3243 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 48.9449, 0.3451, 0.3243 by changing the saturation by 10% instead.

 48.9449, 0.3451,
0.3243

 48.9449, 0.3451,
0.3243

382.5254, 0.3290,
0.3268

 34.5758, 0.3491,
0.3236


 88.6096, 0.3392,
0.3252

 23.3363, 0.3543,
0.3228


114.6740, 0.3370,
0.3256

 14.8420, 0.3611,
0.3216


145.4056, 0.3352,
0.3259

 8.7086, 0.3706,
0.3199

181.1887, 0.3336,
0.3261

 4.5516, 0.3848,
0.3172

222.4079, 0.3322,
0.3263

 1.9867, 0.4079,
0.3124

269.4475, 0.3310,

 0.5997, 0.4820,

0.3265

0.3066

322.6918, 0.3299,
0.3266

0.0000, 0.0000,
0.0000

48.9449, 0.3451,
0.3243

48.9449, 0.3451,
0.3243

40.4025, 0.3688,
0.3216

58.9504, 0.3260,
0.3269

33.2483, 0.3981,
0.3189

70.4760, 0.3106,
0.3294

27.4110, 0.4334,
0.3166

83.5840, 0.2983,
0.3316

22.8101, 0.4745,
0.3150

93.3388, 0.2894,
0.3289

19.3563, 0.5193,
0.3147

■ 16.9486, 0.5636,
0.3161

■ 15.4678, 0.6013,
0.3194

■ 14.7368, 0.6269,
0.3239

■ 14.6556, 0.6298,
0.3243

Harmonies

Analogous

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



48.9449, 0.3268, 0.3078



48.9449, 0.3451, 0.3243



48.9449, 0.3545, 0.3424

Triad

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



48.9449, 0.3451, 0.3243



48.9449, 0.3191, 0.3642



48.9449, 0.2745, 0.2991

Complementary

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



48.9449, 0.3451, 0.3243



63.0939, 0.2875, 0.3338

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.



48.9449, 0.2727, 0.3133



48.9449, 0.3451, 0.3243



48.9449, 0.2980, 0.3517

Square

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



48.9449, 0.3451, 0.3243



48.9449, 0.3391, 0.3662



48.9449, 0.2811, 0.3326



48.9449, 0.2862, 0.2934

Rectangle

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



48.9449, 0.3451, 0.3243



48.9449, 0.3543, 0.3533



48.9449, 0.2811, 0.3326



48.9449, 0.2727, 0.3030

Sweetspot

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



48.9471, 0.3451, 0.3243



89.7689, 0.3219, 0.3275



49.9079, 0.3109, 0.2828



18.9865, 0.3230, 0.3274



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.



48.9471, 0.3451, 0.3243



66.4466, 0.3533, 0.3233



55.1414, 0.3454, 0.3472



12.4409, 0.3275, 0.3267



8.6821, 0.6276, 0.3231



0.5307, 0.5952, 0.3052

Inverse Universe

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



48.9471, 0.3451, 0.3243



66.4466, 0.3533, 0.3233



55.8066, 0.2840, 0.3101



12.4409, 0.3275, 0.3267



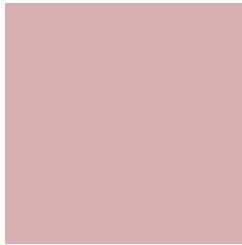
8.6821, 0.6276, 0.3231



0.5307, 0.5952, 0.3052

Previews

White Background



This preview shows how the Yxy color 48.9449, 0.3451, 0.3243 looks on a white background.

Color Contrast Check

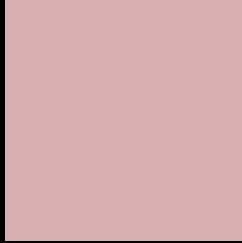
Large Text (above 18pt) WCAG AA × Fail

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 48.9449, 0.3451, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

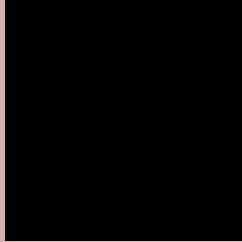
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9449, 0.3451, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 48.9449, 0.3451, 0.3243.



This preview shows how white text looks on a background with the Yxy color 48.9449, 0.3451, 0.3243.

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

48.9449, 0.3451, 0.3243

Protanopia

49.0195, 0.3161, 0.3290

Deuteranopia

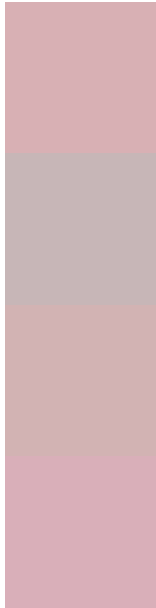
49.0190, 0.3363, 0.3303



Tritanopia

49.0425, 0.3392, 0.3137

Trichromacy



Original Color

48.9449, 0.3451, 0.3243

Protanomaly

49.0169, 0.3265, 0.3278

Deuteranomaly

49.1965, 0.3400, 0.3291

Tritanomaly

48.9144, 0.3418, 0.3173

Monochromacy



Original Color

48.9449, 0.3451, 0.3243

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.7895, 0.3238, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9449, 0.3451, 0.3243 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(216, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 176, 180)  
}
```

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(216, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 176, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.9449, 0.3451, 0.3243 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(216, 176, 180) }
```

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

```
.border{ border-color:rgb(216, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(216, 176,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9449, 0.3451, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 176, 180) }
```

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

```
.background{ background-color: rgb(216,  
176, 180) }
```

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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