

# Converting Colors

$Yxy(48.0924, 0.3349, 0.3112)$

Have a look what the booklet for  
Yxy(48.0924, 0.3349, 0.3112)  
contains.

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# Color

**Yxy(48.0924, 0.3349, 0.3112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5AEBD
RGB	213, 174, 189
RGB Percent	84%, 68%, 74%
CMY	0.1648, 0.3176, 0.2589
CMYK	0.00, 0.18, 0.11, 0.16
HSL	337°, 32%, 76%
HSV	337°, 18%, 84%
XYZ	51.7550, 48.0924, 54.6912
YIQ	187.3710, 18.4290, 12.9330

# Conversions

## Conversions Part 2

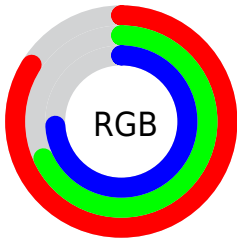
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 174, 189
Decimal	14003901
CIE <sub>Lab</sub>	74.88, 16.56, -2.29
CIE <sub>LCh</sub>	75, 16.715, 352.135
Yxy	48.0924, 0.3349, 0.3112
Android (android.graphics.Color)	4292193981 (0xFFD5AEBD)
YUV	187.3710, 0.8031, 22.4766
Hunter-Lab	69.3487, 11.8545, 1.7856

# Details

The Yxy color **48.0924, 0.3349, 0.3112** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6535, 0.2948, 0.3475**, and the grayscale version is **49.9017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4462, 0.3202, 0.3144**, and **22.7214, 0.3410, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **39.9627, 0.3508, 0.3009**, and if you desaturate by 10%, it is **57.5826, 0.3218, 0.3212**.

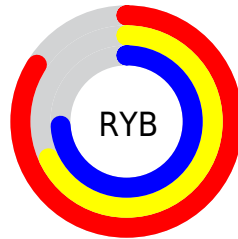
# Distribution



Red (84%)

Green (68%)

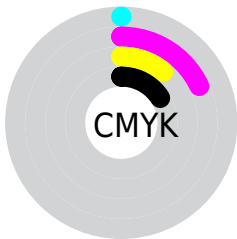
Blue (74%)



Red (84%)

Yellow (68%)

Blue (74%)

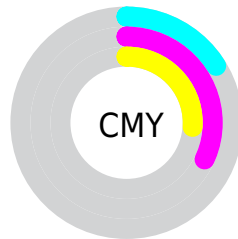


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (16%)



Cyan (16%)

Magenta (32%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0924, 0.3349, 0.3112 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 48.0924, 0.3349, 0.3112 by changing the saturation by 10% instead.




 48.0924, 0.3349,  
0.3112

 48.0924, 0.3349,  
0.3112

379.1583, 0.3239,  
0.3200

 33.9001, 0.3376,  
0.3091


 87.3420, 0.3309,  
0.3144

 22.8168, 0.3411,  
0.3063

113.1680, 0.3294,  
0.3156

 14.4583, 0.3457,  
0.3027


143.6407, 0.3282,  
0.3166

 8.4401, 0.3520,  
0.2977

179.1445, 0.3271,  
0.3174

 4.3778, 0.3615,  
0.2905

220.0637, 0.3261,  
0.3182

 1.8871, 0.3767,  
0.2788

266.7828, 0.3253,

 0.5406, 0.4165,

0.3189

0.2447

319.6862, 0.3246,  
0.3194

0.0000, 0.0000,  
0.0000

48.0924, 0.3349,  
0.3112

48.0924, 0.3349,  
0.3112

39.9627, 0.3508,  
0.3009

57.5826, 0.3218,  
0.3212

33.1243, 0.3700,  
0.2905

68.4854, 0.3110,  
0.3306

27.5118, 0.3929,  
0.2807

80.8582, 0.3022,  
0.3393

23.0511, 0.4193,  
0.2725

92.0395, 0.2949,  
0.3430

19.6605, 0.4490,  
0.2669

92.8536, 0.2879,  
0.3294

■ 17.2470, 0.4806,  
0.2653

■ 92.8823, 0.2877,  
0.3289

■ 15.7014, 0.5123,  
0.2686

■ 14.8626, 0.5417,  
0.2769

■ 14.7490, 0.5465,  
0.2784

# Harmonies

## Analogous

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



48.0924, 0.3118, 0.2970



48.0924, 0.3349, 0.3112



48.0924, 0.3523, 0.3300

# Triad

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



48.0924, 0.3349, 0.3112



48.0924, 0.3350, 0.3701



48.0924, 0.2688, 0.3062

# Complementary

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



48.0924, 0.3349, 0.3112



60.6535, 0.2948, 0.3475

# 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.



48.0924, 0.2745, 0.3260



48.0924, 0.3349, 0.3112



48.0924, 0.3123, 0.3641

# Square

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



48.0924, 0.3349, 0.3112



48.0924, 0.3522, 0.3642



48.0924, 0.2902, 0.3476



48.0924, 0.2742, 0.2936



# Rectangle

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



48.0924, 0.3349, 0.3112



48.0924, 0.3580, 0.3431



48.0924, 0.2902, 0.3476



48.0924, 0.2695, 0.3122

# Sweetspot

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



48.0945, 0.3349, 0.3112



91.6378, 0.3181, 0.3243



47.0047, 0.3017, 0.2821



19.3722, 0.3189, 0.3236



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.



48.0945, 0.3349, 0.3112



67.2524, 0.3408, 0.3072



49.0050, 0.3472, 0.3338



12.4990, 0.3231, 0.3201



9.0304, 0.5428, 0.2764



0.5606, 0.4962, 0.2507



# Inverse Universe

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



48.0945, 0.3349, 0.3112



67.2524, 0.3408, 0.3072



59.4428, 0.2851, 0.3242



12.4990, 0.3231, 0.3201



9.0304, 0.5428, 0.2764

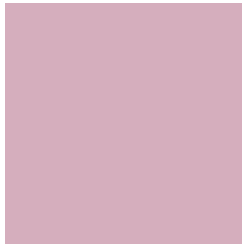


0.5606, 0.4962, 0.2507



# Previews

## White Background



This preview shows how the Yxy color 48.0924, 0.3349, 0.3112 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

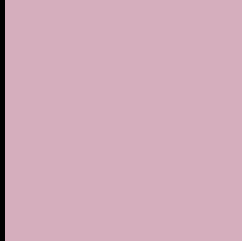
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 48.0924, 0.3349, 0.3112 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 48.0924, 0.3349, 0.3112**

## Background



This preview shows how black text looks on a background with the Yxy color 48.0924, 0.3349, 0.3112.



This preview shows how white text looks on a background with the Yxy color 48.0924, 0.3349, 0.3112.

# 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

48.0924, 0.3349, 0.3112

### Protanopia

48.1214, 0.3051, 0.3138

### Deuteranopia

48.2885, 0.3245, 0.3180



## Tritanopia

48.0491, 0.3358, 0.3123

# Trichromacy



## Original Color

48.0924, 0.3349, 0.3112

## Protanomaly

48.0949, 0.3152, 0.3129

## Deuteranomaly

48.0543, 0.3283, 0.3156

## Tritanomaly

48.0491, 0.3358, 0.3123

# Monochromacy



## Original Color

48.0924, 0.3349, 0.3112

## Achromatopsia

49.6933, 0.3127, 0.3290

## Achromatomaly

48.8225, 0.3199, 0.3216

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 48.0924, 0.3349, 0.3112 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(213, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 189)  
}
```

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(213, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 48.0924, 0.3349, 0.3112 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(213, 174, 189) }
```

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

```
.border{ border-color:rgb(213, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 174,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 48.0924, 0.3349, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 189) }
```

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

```
.background{ background-color: rgb(213,  
174, 189) }
```

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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