

# Converting Colors

$Yxy(47.5411, 0.3493, 0.3238)$

Have a look what the booklet for  
Yxy(47.5411, 0.3493, 0.3238)  
contains.

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# Color

**Yxy(47.4311, 0.3495, 0.3231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9ACB1
RGB	217, 172, 177
RGB Percent	85%, 67%, 69%
CMY	0.1490, 0.3255, 0.3058
CMYK	0.00, 0.21, 0.18, 0.15
HSL	353°, 37%, 76%
HSV	353°, 21%, 85%
XYZ	51.3066, 47.4311, 48.0623
YIQ	186.0250, 25.2150, 11.0950

# Conversions

## Conversions Part 2

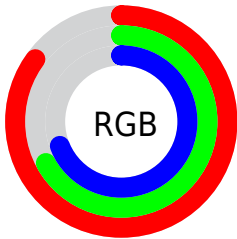
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 172, 177
Decimal	14265521
CIE <sub>Lab</sub>	74.46, 17.18, 3.69
CIE <sub>LCh</sub>	74, 17.571, 12.132
Yxy	47.4311, 0.3495, 0.3231
Android (android.graphics.Color)	4292455601 (0xFFD9ACB1)
YUV	186.0250, -4.4493, 27.1651
Hunter-Lab	68.8702, 12.4552, 6.8326

# Details

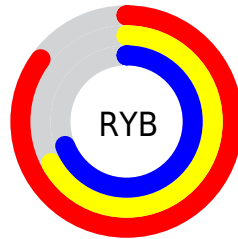
The Yxy color **47.4311, 0.3495, 0.3231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.1500, 0.2849, 0.3350**, and the grayscale version is **49.1346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6300, 0.3283, 0.3241**, and **22.4907, 0.3587, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **39.1213, 0.3741, 0.3201**, and if you desaturate by 10%, it is **57.2025, 0.3297, 0.3260**.

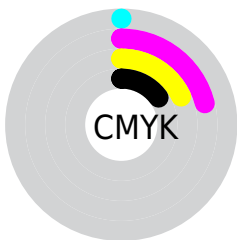
# Distribution



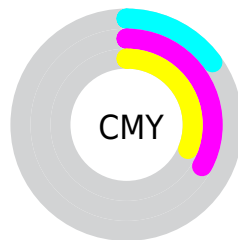
- Red (85%)
- Green (67%)
- Blue (69%)



- Red (85%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (15%)




- Cyan (15%)
- Magenta (33%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4311, 0.3495, 0.3231 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 47.4311, 0.3495, 0.3231 by changing the saturation by 10% instead.





 47.4311, 0.3495,  
0.3231

 47.4311, 0.3495,  
0.3231


376.5327, 0.3311,  
0.3262

 33.3766, 0.3541,  
0.3223


 86.3568, 0.3428,  
0.3243

 22.4151, 0.3601,  
0.3212


111.9967, 0.3403,  
0.3247

 14.1622, 0.3680,  
0.3197


142.2672, 0.3381,  
0.3251

 8.2336, 0.3790,  
0.3175

177.5528, 0.3363,  
0.3254

 4.2448, 0.3956,  
0.3140

218.2377, 0.3347,  
0.3256

 1.8114, 0.4230,  
0.3078

264.7064, 0.3334,

 0.4943, 0.5348,

0.3259

0.2970

317.3432, 0.3322,  
0.3261

0.0000, 0.0000,  
0.0000

47.4311, 0.3495,  
0.3231

47.4311, 0.3495,  
0.3231

39.1213, 0.3741,  
0.3201

57.2025, 0.3297,  
0.3260

32.1967, 0.4042,  
0.3172

68.4941, 0.3138,  
0.3288

26.5837, 0.4404,  
0.3147

81.3694, 0.3009,  
0.3313

22.1996, 0.4820,  
0.3131

93.4362, 0.2905,  
0.3298

18.9518, 0.5268,  
0.3130

93.4922, 0.2900,  
0.3289

■ 16.7350, 0.5701,  
0.3150

■ 15.4240, 0.6058,  
0.3190

■ 14.8192, 0.6281,  
0.3234

# Harmonies

## Analogous

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



47.4311, 0.3283, 0.3045



47.4311, 0.3495, 0.3231



47.4311, 0.3606, 0.3437

# Triad

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



47.4311, 0.3495, 0.3231



47.4311, 0.3205, 0.3697



47.4311, 0.2689, 0.2950

# Complementary

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



47.4311, 0.3495, 0.3231



63.1500, 0.2849, 0.3350

# 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.



47.4311, 0.2671, 0.3112



47.4311, 0.3495, 0.3231



47.4311, 0.2962, 0.3555

# Square

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



47.4311, 0.3495, 0.3231



47.4311, 0.3433, 0.3716



47.4311, 0.2769, 0.3335



47.4311, 0.2820, 0.2884



# Rectangle

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



47.4311, 0.3495, 0.3231



47.4311, 0.3605, 0.3563



47.4311, 0.2769, 0.3335



47.4311, 0.2670, 0.2995

# Sweetspot

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



47.4333, 0.3495, 0.3231



89.7791, 0.3218, 0.3274



48.4757, 0.3107, 0.2770



18.9889, 0.3229, 0.3272



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.



47.4333, 0.3495, 0.3231



62.7254, 0.3599, 0.3217



54.2344, 0.3500, 0.3495



13.0751, 0.3274, 0.3264



8.9783, 0.6259, 0.3222



0.5898, 0.5927, 0.3039



# Inverse Universe

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



47.4333, 0.3495, 0.3231



62.7254, 0.3599, 0.3217



54.9746, 0.2805, 0.3076



13.0751, 0.3274, 0.3264



8.9783, 0.6259, 0.3222

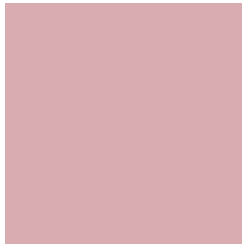


0.5898, 0.5927, 0.3039



# Previews

## White Background



This preview shows how the Yxy color 47.4311, 0.3495, 0.3231 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

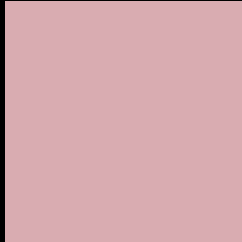
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 47.4311, 0.3495, 0.3231 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 47.4311, 0.3495, 0.3231**

## Background



This preview shows how black text looks on a background with the Yxy color 47.4311, 0.3495, 0.3231.



This preview shows how white text looks on a background with the Yxy color 47.4311, 0.3495, 0.3231.

# 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

47.4311, 0.3495, 0.3231

### Protanopia

47.8507, 0.3161, 0.3290

### Deuteranopia

47.4162, 0.3376, 0.3303



## Tritanopia

47.4919, 0.3443, 0.3137

# Trichromacy



## Original Color

47.4311, 0.3495, 0.3231

## Protanomaly

47.5822, 0.3277, 0.3265

## Deuteranomaly

47.3498, 0.3425, 0.3279

## Tritanomaly

47.3674, 0.3470, 0.3172

# Monochromacy



## Original Color

47.4311, 0.3495, 0.3231

## Achromatopsia

49.1021, 0.3127, 0.3290

## Achromatomaly

48.3370, 0.3249, 0.3265

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 47.4311, 0.3495, 0.3231 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(217, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(217, 172, 177)  
}
```

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(217, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 172, 177) }
```

## Border

The CSS property to change the border of an element to Yxy 47.4311, 0.3495, 0.3231 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(217, 172, 177) }
```

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

```
.border{ border-color:rgb(217, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(217, 172,  
177) }
```



# Background

The CSS property to change the background color of an element to Yxy 47.4311, 0.3495, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 172, 177) }
```

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

```
.background{ background-color: rgb(217,  
172, 177) }
```

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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