

# Converting Colors

$Yxy(48.7358, 0.3460, 0.3389)$

Have a look what the booklet for  
Yxy(48.7358, 0.3460, 0.3389)  
contains.

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# Color

**Yxy(48.7358, 0.3460, 0.3389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1B3AB
RGB	209, 179, 171
RGB Percent	82%, 70%, 67%
CMY	0.1805, 0.2980, 0.3294
CMYK	0.00, 0.14, 0.18, 0.18
HSL	13°, 29%, 75%
HSV	13°, 18%, 82%
XYZ	49.7568, 48.7358, 45.3132
YIQ	187.0580, 20.4480, 3.8720

# Conversions

## Conversions Part 2

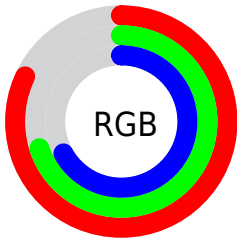
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 181, 171
Decimal	13743019
CIE Lab	75.29, 9.49, 8.07
CIE LCh	75, 12.461, 40.365
Yxy	48.7358, 0.3460, 0.3389
Android (android.graphics.Color)	4291933099 (0xFFD1B3AB)
YUV	187.0580, -7.9166, 19.2431
Hunter-Lab	69.8110, 5.0540, 10.3835

# Details

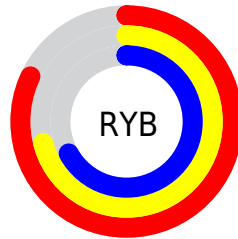
The Yxy color **48.7358, 0.3460, 0.3389** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0062, 0.2851, 0.3189**, and the grayscale version is **49.7645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1676, 0.3321, 0.3380**, and **23.1236, 0.3553, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **41.7853, 0.3697, 0.3448**, and if you desaturate by 10%, it is **56.6064, 0.3263, 0.3333**.

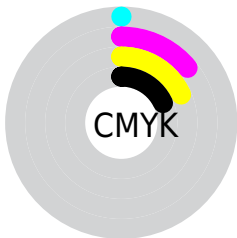
# Distribution



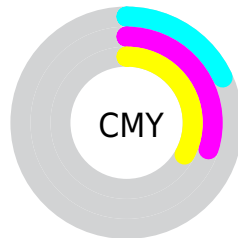
- Red (82%)
- Green (70%)
- Blue (67%)



- Red (82%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7358, 0.3460, 0.3389 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 48.7358, 0.3460, 0.3389 by changing the saturation by 10% instead.




 48.7358, 0.3460,  
0.3389

 48.7358, 0.3460,  
0.3389

381.7013, 0.3294,  
0.3342

 34.4099, 0.3501,  
0.3400


 88.2989, 0.3400,  
0.3372

 23.2087, 0.3555,  
0.3414

114.3050, 0.3377,  
0.3366

 14.7477, 0.3625,  
0.3431


144.9733, 0.3358,  
0.3361

 8.6425, 0.3724,  
0.3454

180.6881, 0.3341,  
0.3356

 4.5087, 0.3871,  
0.3485

221.8339, 0.3327,  
0.3352

 1.9620, 0.4111,  
0.3527

268.7952, 0.3315,

 0.5853, 0.5449,

0.3348

0.4047

321.9561, 0.3304,  
0.3345

0.0000, 0.0000,  
0.0000

48.7358, 0.3460,  
0.3389

48.7358, 0.3460,  
0.3389

41.7853, 0.3697,  
0.3448

56.6064, 0.3263,  
0.3333

35.7148, 0.3981,  
0.3506

65.4224, 0.3099,  
0.3281

30.4907, 0.4313,  
0.3560

75.2163, 0.2964,  
0.3233

26.0749, 0.4690,  
0.3603

86.0170, 0.2851,  
0.3189

22.4261, 0.5096,  
0.3626

92.2894, 0.2855,  
0.3289

■ 19.4995, 0.5501,  
0.3618

■ 17.2452, 0.5858,  
0.3574

■ 15.6038, 0.6125,  
0.3498

■ 15.3610, 0.6168,  
0.3485

# Harmonies

## Analogous

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



48.7358, 0.3378, 0.3241



48.7358, 0.3460, 0.3389



48.7358, 0.3450, 0.3516

# Triad

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



48.7358, 0.3460, 0.3389



48.7358, 0.3022, 0.3482



48.7358, 0.2903, 0.3003

# Complementary

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



48.7358, 0.3460, 0.3389



55.0062, 0.2851, 0.3189

# 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.



48.7358, 0.2814, 0.3057



48.7358, 0.3460, 0.3389



48.7358, 0.2881, 0.3333

# Square

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



48.7358, 0.3460, 0.3389



48.7358, 0.3194, 0.3576



48.7358, 0.2806, 0.3176



48.7358, 0.3054, 0.3023



# Rectangle

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



48.7358, 0.3460, 0.3389



48.7358, 0.3392, 0.3571



48.7358, 0.2806, 0.3176



48.7358, 0.2865, 0.3012

# Sweetspot

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



48.7380, 0.3460, 0.3389



92.9562, 0.3209, 0.3316



46.9107, 0.3211, 0.2929



19.6912, 0.3221, 0.3320



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.



48.7380, 0.3460, 0.3389



71.8429, 0.3552, 0.3413



56.6829, 0.3421, 0.3609



12.2071, 0.3285, 0.3340



9.5924, 0.6145, 0.3503



0.6544, 0.5787, 0.3787

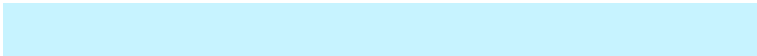


# Inverse Universe

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



55.0062, 0.2851, 0.3189



83.5398, 0.2790, 0.3164



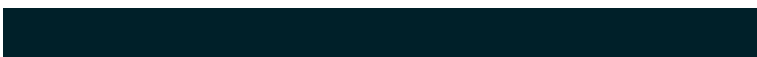
46.8755, 0.2838, 0.2949



12.9655, 0.2983, 0.3240



19.5456, 0.2056, 0.2601



1.2016, 0.2095, 0.2742



# Previews

## White Background



This preview shows how the Yxy color 48.7358, 0.3460, 0.3389 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

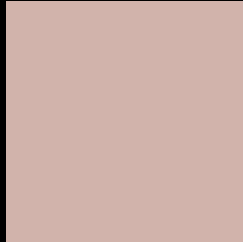
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 48.7358, 0.3460, 0.3389 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

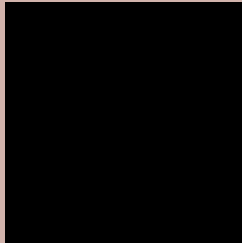
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 48.7358, 0.3460, 0.3389**

## Background



This preview shows how black text looks on a background with the Yxy color 48.7358, 0.3460, 0.3389.



This preview shows how white text looks on a background with the Yxy color 48.7358, 0.3460, 0.3389.

# 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

48.7358, 0.3460, 0.3389

### Protanopia

48.9604, 0.3274, 0.3431

### Deuteranopia

48.7358, 0.3460, 0.3389



## Tritanopia

48.6173, 0.3320, 0.3123

# Trichromacy



## Original Color

48.7358, 0.3460, 0.3389

## Protanomaly

48.8899, 0.3338, 0.3416

## Deuteranomaly

48.7358, 0.3460, 0.3389

## Tritanomaly

48.5648, 0.3369, 0.3218

# Monochromacy



## Original Color

48.7358, 0.3460, 0.3389

## Achromatopsia

49.6933, 0.3127, 0.3290

## Achromatomaly

49.2193, 0.3245, 0.3328

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 48.7358, 0.3460, 0.3389 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(209, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 179, 171)  
}
```

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(209, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 179, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 48.7358, 0.3460, 0.3389 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(209, 179, 171) }
```

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

```
.border{ border-color:rgb(209, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 179,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 48.7358, 0.3460, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 179, 171) }
```

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

```
.background{ background-color: rgb(209,  
179, 171) }
```

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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