

# Converting Colors

$Yxy(45.9610, 0.3420, 0.3267)$

Have a look what the booklet for  
Yxy(45.9610, 0.3420, 0.3267)  
contains.

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# Color

**Yxy(46.0649, 0.3419, 0.3279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEADAE
RGB	206, 173, 174
RGB Percent	81%, 68%, 68%
CMY	0.1922, 0.3215, 0.3178
CMYK	0.00, 0.16, 0.16, 0.19
HSL	358°, 25%, 74%
HSV	358°, 16%, 81%
XYZ	48.0317, 46.0649, 46.3880
YIQ	182.9810, 19.3470, 7.3070

# Conversions

## Conversions Part 2

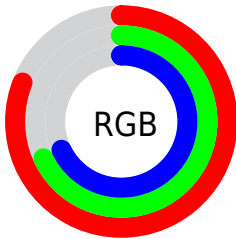
Format	Color
RYB	206, 173, 174
Decimal	13544878
CIELab	73.59, 12.11, 3.97
CIELCh	74, 12.741, 18.156
Yxy	46.0649, 0.3419, 0.3279
Android (android.graphics.Color)	4291734958 (0xFFCEADAE)
YUV	182.9810, -4.4276, 20.1877
Hunter-Lab	67.8711, 7.5481, 6.9867

# Details

The Yxy color **46.0649, 0.3419, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4310, 0.2893, 0.3301**, and the grayscale version is **47.3592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4039, 0.3309, 0.3281**, and **21.6592, 0.3494, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **38.0433, 0.3662, 0.3272**, and if you desaturate by 10%, it is **55.4247, 0.3225, 0.3286**.

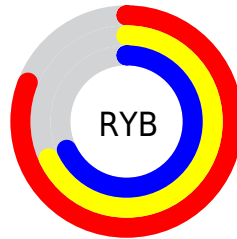
# Distribution



Red (81%)

Green (68%)

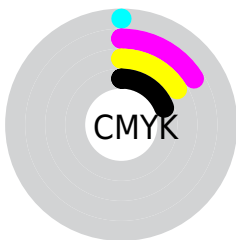
Blue (68%)



Red (81%)

Yellow (68%)

Blue (68%)

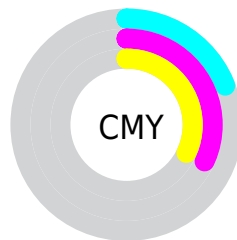


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (19%)



Cyan (19%)

Magenta (32%)


Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0649, 0.3419, 0.3279 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 46.0649, 0.3419, 0.3279 by changing the saturation by 10% instead.





 46.0649, 0.3419,  
0.3279

 46.0649, 0.3419,  
0.3279

371.0695, 0.3272,  
0.3286

 32.2970, 0.3456,  
0.3277


 84.3161, 0.3365,  
0.3282

 21.5885, 0.3504,  
0.3274

109.5683, 0.3345,  
0.3283

 13.5548, 0.3568,  
0.3269


139.4173, 0.3328,  
0.3284

 7.8117, 0.3658,  
0.3262

174.2476, 0.3314,  
0.3284

 3.9747, 0.3794,  
0.3250

214.4436, 0.3301,  
0.3285

 1.6594, 0.4023,  
0.3224

260.3896, 0.3290,

 0.3972, 0.5494,

0.3285

0.3242

312.4701, 0.3281,  
0.3286

0.0000, 0.0000,  
0.0000

46.0649, 0.3419,  
0.3279

46.0649, 0.3419,  
0.3279

38.0433, 0.3662,  
0.3272

55.4247, 0.3225,  
0.3286

31.2929, 0.3962,  
0.3265

66.1734, 0.3069,  
0.3293

25.7504, 0.4327,  
0.3259

78.3664, 0.2944,  
0.3299

21.3445, 0.4754,  
0.3255

91.7940, 0.2843,  
0.3300

17.9966, 0.5222,  
0.3255

91.8599, 0.2838,  
0.3289

■ 15.6179, 0.5683,  
0.3260

■ 14.1052, 0.6068,  
0.3270

■ 13.3300, 0.6312,  
0.3284

■ 13.1329, 0.6374,  
0.3285

# Harmonies

## Analogous

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



46.0649, 0.3277, 0.3134



46.0649, 0.3419, 0.3279



46.0649, 0.3481, 0.3431

# Triad

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



46.0649, 0.3419, 0.3279



46.0649, 0.3149, 0.3570



46.0649, 0.2817, 0.3025

# Complementary

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



46.0649, 0.3419, 0.3279



57.4310, 0.2893, 0.3301

# 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.



46.0649, 0.2786, 0.3134



46.0649, 0.3419, 0.3279



46.0649, 0.2974, 0.3453

# Square

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



46.0649, 0.3419, 0.3279



46.0649, 0.3322, 0.3605



46.0649, 0.2843, 0.3291



46.0649, 0.2930, 0.2989



# Rectangle

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



46.0649, 0.3419, 0.3279



46.0649, 0.3467, 0.3517



46.0649, 0.2843, 0.3291



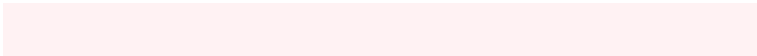
46.0649, 0.2797, 0.3054

# Sweetspot

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



46.0670, 0.3419, 0.3279



91.3613, 0.3208, 0.3287



47.3110, 0.3136, 0.2896



19.3052, 0.3221, 0.3286



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.



46.0670, 0.3419, 0.3279



70.2197, 0.3492, 0.3277



52.2754, 0.3398, 0.3479



11.2188, 0.3286, 0.3284



8.0905, 0.6366, 0.3280



0.4193, 0.6249, 0.3216



# Inverse Universe

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



46.0670, 0.3419, 0.3279



70.2197, 0.3492, 0.3277



50.4283, 0.2879, 0.3094



11.2188, 0.3286, 0.3284



8.0905, 0.6366, 0.3280



0.4193, 0.6249, 0.3216



# Previews

## White Background



This preview shows how the Yxy color 46.0649, 0.3419, 0.3279 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 46.0649, 0.3419, 0.3279 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

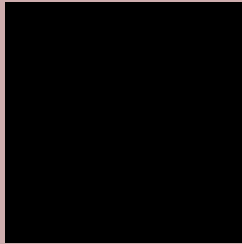
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 46.0649, 0.3419, 0.3279**

## Background



This preview shows how black text looks on a background with the Yxy color 46.0649, 0.3419, 0.3279.



This preview shows how white text looks on a background with the Yxy color 46.0649, 0.3419, 0.3279.

# 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

46.0649, 0.3419, 0.3279

### Protanopia

46.1712, 0.3186, 0.3316

### Deuteranopia

46.1334, 0.3369, 0.3303



## Tritanopia

45.8940, 0.3334, 0.3120

# Trichromacy



## Original Color

46.0649, 0.3419, 0.3279

## Protanomaly

45.9561, 0.3269, 0.3290

## Deuteranomaly

46.0246, 0.3389, 0.3291

## Tritanomaly

46.1066, 0.3368, 0.3180

# Monochromacy



## Original Color

46.0649, 0.3419, 0.3279

## Achromatopsia

47.3531, 0.3127, 0.3290

## Achromatomaly

46.6119, 0.3224, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 46.0649, 0.3419, 0.3279 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(206, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 174)  
}
```

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(206, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 46.0649, 0.3419, 0.3279 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(206, 173, 174) }
```

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

```
.border{ border-color:rgb(206, 173, 174) }
```

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

Here you see how a box with a 4 pixel rgb(206, 173, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
174) }
```



# Background

The CSS property to change the background color of an element to Yxy 46.0649, 0.3419, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 174) }
```

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

```
.background{ background-color: rgb(206,  
173, 174) }
```

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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