

# Converting Colors

$Yxy(46.0439, 0.3836, 0.3499)$

Have a look what the booklet for  
Yxy(46.0439, 0.3836, 0.3499)  
contains.

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# Color

**Yxy(46.2148, 0.3834, 0.3504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A896
RGB	225, 168, 150
RGB Percent	88%, 66%, 59%
CMY	0.1175, 0.3412, 0.4118
CMYK	0.00, 0.25, 0.33, 0.12
HSL	14°, 56%, 74%
HSV	14°, 33%, 88%
XYZ	50.5672, 46.2148, 35.1095
YIQ	182.9910, 39.7500, 6.4860

# Conversions

## Conversions Part 2

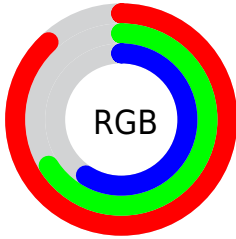
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 174, 150
Decimal	14788758
CIE Lab	73.68, 18.58, 17.48
CIE LCh	74, 25.509, 43.263
Yxy	46.2148, 0.3834, 0.3504
Android (android.graphics.Color)	4292978838 (0xFFE1A896)
YUV	182.9910, -16.2646, 36.8419
Hunter-Lab	67.9815, 13.8076, 16.9663

# Details

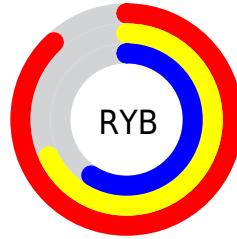
The Yxy color **46.2148, 0.3834, 0.3504** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.5709, 0.2626, 0.3063**, and the grayscale version is **47.4253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3950, 0.3489, 0.3484**, and **21.7165, 0.4036, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **39.6537, 0.4138, 0.3569**, and if you desaturate by 10%, it is **53.7506, 0.3576, 0.3437**.

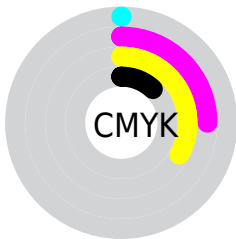
# Distribution



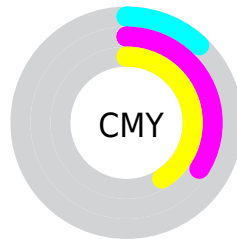
- Red (88%)
- Green (66%)
- Blue (59%)



- Red (88%)
- Yellow (68%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (12%)




- Cyan (12%)
- Magenta (34%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2148, 0.3834, 0.3504 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 46.2148, 0.3834, 0.3504 by changing the saturation by 10% instead.





 46.2148, 0.3834,  
0.3504


 46.2148, 0.3834,  
0.3504


371.6715, 0.3477,  
0.3407

 32.4154, 0.3924,  
0.3525

 84.5404, 0.3704,  
0.3471

 21.6790, 0.4039,  
0.3550


 109.8353, 0.3655,  
0.3458

 13.6212, 0.4193,  
0.3579

139.7308, 0.3614,  
0.3447

 7.8577, 0.4406,  
0.3612

174.6114, 0.3578,  
0.3437

 4.0040, 0.4719,  
0.3644

214.8613, 0.3548,  
0.3428

 1.6758, 0.5321,  
0.3728

260.8651, 0.3521,

 0.4079, 0.6734,

0.3420

0.3266

313.0070, 0.3498,  
0.3413

0.0000, 0.0000,  
0.0000

46.2148, 0.3834,  
0.3504

46.2148, 0.3834,  
0.3504

39.6537, 0.4138,  
0.3569

53.7506, 0.3576,  
0.3437

34.0206, 0.4487,  
0.3626

62.2923, 0.3360,  
0.3371

29.2745, 0.4873,  
0.3665

71.8779, 0.3180,  
0.3310

25.3687, 0.5273,  
0.3676

82.5413, 0.3031,  
0.3252

22.2521, 0.5651,  
0.3649

93.8210, 0.2946,  
0.3275

■ 19.8673, 0.5960,  
0.3582

■ 94.7533, 0.2946,  
0.3289

■ 18.6469, 0.6119,  
0.3524

# Harmonies

## Analogous

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



46.2148, 0.3677, 0.3210



46.2148, 0.3834, 0.3504



46.2148, 0.3787, 0.3765

# Triad

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



46.2148, 0.3834, 0.3504



46.2148, 0.2870, 0.3673



46.2148, 0.2690, 0.2705

# Complementary

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



46.2148, 0.3834, 0.3504



56.5709, 0.2626, 0.3063

# 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.



46.2148, 0.2501, 0.2787



46.2148, 0.3834, 0.3504



46.2148, 0.2600, 0.3338

# Square

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



46.2148, 0.3834, 0.3504



46.2148, 0.3220, 0.3893



46.2148, 0.2469, 0.3011



46.2148, 0.3002, 0.2766



# Rectangle

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



46.2148, 0.3834, 0.3504



46.2148, 0.3651, 0.3884



46.2148, 0.2469, 0.3011



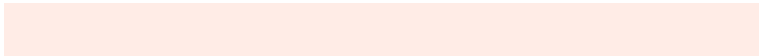
46.2148, 0.2611, 0.2716

# Sweetspot

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



46.2170, 0.3834, 0.3504



86.7136, 0.3298, 0.3351



42.3574, 0.3323, 0.2641



18.1852, 0.3324, 0.3360



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.



46.2170, 0.3834, 0.3504



55.1835, 0.4040, 0.3550



61.8907, 0.3696, 0.3917



14.2314, 0.3286, 0.3347



10.8931, 0.6093, 0.3544



0.8931, 0.5792, 0.3783



# Inverse Universe

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



56.5709, 0.2626, 0.3063



70.8908, 0.2530, 0.3008



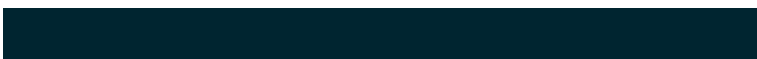
40.6759, 0.2563, 0.2571



14.9863, 0.2982, 0.3232



20.1188, 0.2028, 0.2499



1.5300, 0.2065, 0.2635



# Previews

## White Background



This preview shows how the Yxy color 46.2148, 0.3834, 0.3504 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 46.2148, 0.3834, 0.3504 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

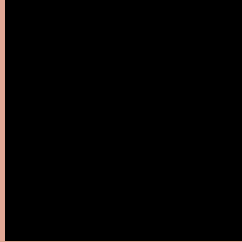
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 46.2148, 0.3834, 0.3504**

## **Background**



This preview shows how black text looks on a background with the Yxy color 46.2148, 0.3834, 0.3504.



This preview shows how white text looks on a background with the Yxy color 46.2148, 0.3834, 0.3504.

# 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

46.2148, 0.3834, 0.3504

### Protanopia

46.3952, 0.3412, 0.3617

### Deuteranopia

46.1437, 0.3679, 0.3601



## Tritanopia

46.2192, 0.3616, 0.3141

# Trichromacy



**Original Color**

46.2148, 0.3834, 0.3504

**Protanomaly**

46.0803, 0.3562, 0.3569

**Deuteranomaly**

46.1220, 0.3733, 0.3572

**Tritanomaly**

46.0312, 0.3700, 0.3268

# Monochromacy



**Original Color**

46.2148, 0.3834, 0.3504

**Achromatopsia**

47.3531, 0.3127, 0.3290

**Achromatomaly**

46.7868, 0.3363, 0.3379

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 46.2148, 0.3834, 0.3504 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(225, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(225, 168, 150)  
}
```

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(225, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 168, 150) }
```

## Border

The CSS property to change the border of an element to Yxy 46.2148, 0.3834, 0.3504 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(225, 168, 150) }
```

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

```
.border{ border-color:rgb(225, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 168, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 168, 150); box-shadow:4px 4px 4px 4px rgb(225, 168, 150) }
```



# Background

The CSS property to change the background color of an element to Yxy 46.2148, 0.3834, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 168, 150) }
```

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

```
.background{ background-color: rgb(225,  
168, 150) }
```

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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