

# Converting Colors

XYZ(57.0138, 49.7083, 46.4698)

Have a look what the booklet for  
XYZ(57.0138, 49.7083, 46.4698)  
contains.

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# Color

**XYZ(57.0878, 49.6091,  
46.6111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEA9AE
RGB	238, 169, 174
RGB Percent	93%, 66%, 68%
CMY	0.0667, 0.3372, 0.3176
CMYK	0.00, 0.29, 0.27, 0.07
HSL	356°, 67%, 80%
HSV	356°, 29%, 93%
XYZ	57.0878, 49.6091, 46.6111
YIQ	190.2010, 39.5190, 16.1830

# Conversions

## Conversions Part 2

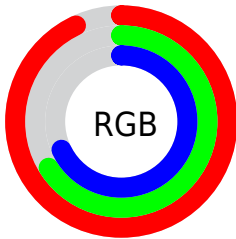
Format	Color
R <sub>Y</sub> B	238, 169, 174
Decimal	15641006
CIE Lab	75.83, 26.05, 7.59
CIE LCh	76, 27.134, 16.250
Yxy	49.6091, 0.3724, 0.3236
Android (android.graphics.Color)	4293831086 (0xFFEEA9AE)
YUV	190.2010, -7.9871, 41.9197
Hunter-Lab	70.4337, 21.4184, 10.0671

# Details

The XYZ color **57.0878, 49.6091, 46.6111** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6468, 75.4683, 88.4122**, and the grayscale version is **49.0892, 51.6456, 56.2421**.

A 20% lighter version of the original color is **82.3081, 80.7676, 85.3803**, and **28.8143, 23.7197, 21.4720** is the 20% darker color. If you saturate the color by 10%, you get **51.0782, 40.7555, 34.8478**, and if you desaturate by 10%, it is **64.2598, 60.2205, 60.5081**.

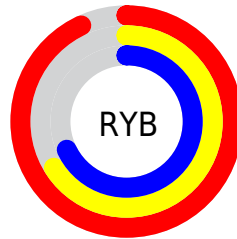
# Distribution



Red (93%)

Green (66%)

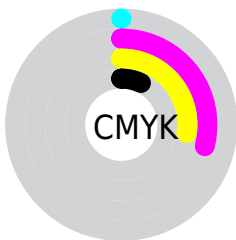
Blue (68%)



Red (93%)

Yellow (66%)

Blue (68%)

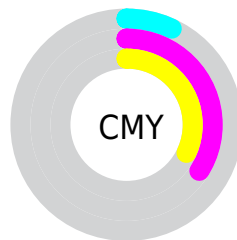


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (34%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0878, 49.6091, 46.6111 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 XYZ color 57.0878, 49.6091, 46.6111 by changing the saturation by 10% instead.





 57.0878, 49.6091,  
46.6111


 57.0878, 49.6091,  
46.6111


403.7871,  
385.1353, 389.6088

 41.3162, 35.1029,  
32.3762


 99.7239, 89.5954,  
86.4767

 28.7550, 23.7422,  
21.3818


 127.3191,  
115.8444, 112.9445

 19.0389, 15.1425,  
13.2094


159.5861,  
146.7763, 144.3270

 11.8025, 8.9194,  
7.4405

196.8904,  
182.7757, 181.0427

 6.6806, 4.6887,  
3.6565

239.5973,  
224.2269, 223.5102

 3.3077, 2.0658,  
1.4388

288.0721,

 1.3185, 0.6453,

271.5143, 272.1480

0.1717

342.6803,  
325.0223, 327.3747

■ 0.1970, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.0878, 49.6091,  
46.6111

■ 57.0878, 49.6091,  
46.6111

■ 51.0782, 40.7555,  
34.8478

■ 64.2598, 60.2205,  
60.5081

■ 46.1658, 33.5584,  
25.1097

■ 72.6466, 72.6702,  
76.6340

■ 42.2854, 27.9168,  
17.2832

■ 82.3024, 87.0418,  
95.0818

■ 39.3632, 23.7158,  
11.2425

■ 89.0699, 96.9172,  
108.6201

■ 37.3153, 20.8247,  
6.8463

■ 36.0436, 19.0890,  
3.9324

■ 35.4076, 18.2780,  
2.2988

■ 35.3629, 18.2184,  
2.1925

# Harmonies

## Analogous

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



57.2123, 49.6091, 60.8892



57.0878, 49.6091, 46.6111



54.1805, 49.6091, 36.3355

# Triad

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



57.0878, 49.6091, 46.6111



40.4882, 49.6091, 36.9975



44.8845, 49.6091, 85.7317

# Complementary

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



57.0878, 49.6091, 46.6111



61.6468, 75.4683, 88.4122

# 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.



40.7592, 49.6091, 76.6634



57.0878, 49.6091, 46.6111



38.3460, 49.6091, 47.6803

# Square

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



57.0878, 49.6091, 46.6111



44.4901, 49.6091, 31.4999



38.4415, 49.6091, 62.1661



49.9179, 49.6091, 85.3056



# Rectangle

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



57.0878, 49.6091, 46.6111



51.1662, 49.6091, 32.3750



38.4415, 49.6091, 62.1661



43.3534, 49.6091, 83.6319

# Sweetspot

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



57.0891, 49.6114, 46.6121



84.9206, 84.9253, 89.5413



62.9819, 51.7491, 87.5580



17.8506, 17.6931, 18.5406



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0891, 49.6114, 46.6121



62.2976, 51.4283, 45.7796



62.5597, 61.3176, 46.0774



15.8192, 15.7774, 16.6043



19.7460, 10.1708, 1.3132



1.6587, 0.8525, 0.1938



# Inverse Universe

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



57.0891, 49.6114, 46.6121



62.2976, 51.4283, 45.7796



54.6586, 60.3337, 89.6537



15.8192, 15.7774, 16.6043



19.7460, 10.1708, 1.3132



1.6587, 0.8525, 0.1938



# Previews

## White Background



This preview shows how the XYZ color 57.0878, 49.6091, 46.6111 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

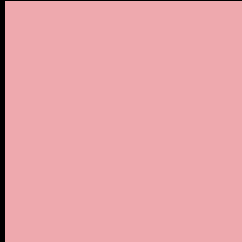
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.0878, 49.6091, 46.6111 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](#).

**XYZ 57.0878, 49.6091, 46.6111**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.0878, 49.6091, 46.6111.



This preview shows how white text looks on a background with the XYZ color 57.0878, 49.6091,

46.6111.

# 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

57.0878, 49.6091, 46.6111

### Protanopia

47.6965, 49.6549, 52.4179

### Deuteranopia

50.8342, 49.8752, 45.9773



## Tritanopia

57.9397, 49.6922, 50.2539

# Trichromacy



## Original Color

57.0878, 49.6091, 46.6111

## Protanomaly

50.5719, 49.3477, 50.0396

## Deuteranomaly

53.0838, 49.8336, 46.3562

## Tritanomaly

57.6351, 49.5703, 48.6498

# Monochromacy



## Original Color

57.0878, 49.6091, 46.6111

## Achromatopsia

48.9429, 51.4918, 56.0745

## Achromatomaly

51.1118, 50.1820, 52.3396

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.0878, 49.6091, 46.6111 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(238, 169, 174)` looks like.

```
.text, #text, p{  
    color:rgb(238, 169, 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(238, 169, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 169, 174) }
```

## Border

The CSS property to change the border of an element to XYZ 57.0878, 49.6091, 46.6111 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(238, 169, 174) }
```



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

```
.border{ border-color:rgb(238, 169, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 169, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 169, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 169, 174);  
box-shadow:4px 4px 4px 4px rgb(238, 169,  
174) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.0878, 49.6091, 46.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 169, 174) }
```

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

```
.background{ background-color: rgb(238,  
169, 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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