

Converting Colors

XYZ(57.3252, 49.6164, 45.9001)

Have a look what the booklet for
XYZ(57.3252, 49.6164, 45.9001)
contains.

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Color

**XYZ(57.3274, 49.7438,
46.1152)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFA9AD |
| RGB | 239, 169, 173 |
| RGB Percent | 94%, 66%, 68% |
| CMY | 0.0627, 0.3372, 0.3216 |
| CMYK | 0.00, 0.29, 0.28, 0.06 |
| HSL | 357°, 69%, 80% |
| HSV | 357°, 29%, 94% |
| XYZ | 57.3274, 49.7438, 46.1152 |
| YIQ | 190.3860, 40.4360, 16.0840 |

Conversions

Conversions Part 2

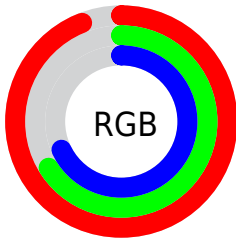
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 169, 173 |
| Decimal | 15706541 |
| CIE Lab | 75.91, 26.28, 8.27 |
| CIE LCh | 76, 27.553, 17.473 |
| Yxy | 49.7438, 0.3742, 0.3247 |
| Android (android.graphics.Color) | 4293896621 (0xFFEFA9AD) |
| YUV | 190.3860, -8.5713, 42.6345 |
| Hunter-Lab | 70.5293, 21.6616, 10.6040 |

Details

The XYZ color **57.3274, 49.7438, 46.1152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.2262, 76.1673, 90.0232**, and the grayscale version is **49.1988, 51.7610, 56.3677**.

A 20% lighter version of the original color is **82.1688, 80.7119, 84.6470**, and **28.9880, 23.8163, 21.1583** is the 20% darker color. If you saturate the color by 10%, you get **51.2809, 40.8510, 34.2333**, and if you desaturate by 10%, it is **64.5571, 60.4137, 60.2072**.

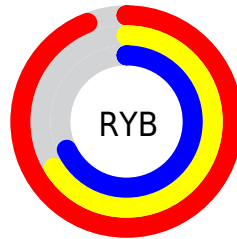
Distribution



Red (94%)

Green (66%)

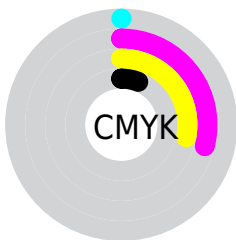
Blue (68%)



Red (94%)

Yellow (66%)

Blue (68%)

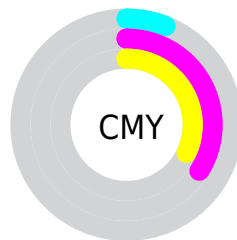


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (6%)



Cyan (6%)


Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3274, 49.7438, 46.1152 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 57.3274, 49.7438, 46.1152 by changing the saturation by 10% instead.


 57.3274, 49.7438,
46.1152


 57.3274, 49.7438,
46.1152


404.6694,
385.6632, 387.5626

 41.5093, 35.2099,
31.9874

 100.0714, 89.7952,
85.7275

 28.9067, 23.8246,
21.0871


 127.7279,
116.0814, 112.0491

 19.1542, 15.2035,
12.9959


160.0614,
147.0538, 143.2723

 11.8864, 8.9624,
7.2950


197.4371,
183.0969, 179.8158

 6.7380, 4.7166,
3.5660

240.2204,
224.5950, 222.0980

 3.3437, 2.0820,
1.3904

288.7766,

 1.3380, 0.6545,

271.9324, 270.5375

0.1342

343.4712,
325.4937, 325.5529

■ 0.2114, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3274, 49.7438,
46.1152

■ 57.3274, 49.7438,
46.1152

■ 51.2809, 40.8510,
34.2333

■ 64.5571, 60.4137,
60.2072

■ 46.3508, 33.6323,
24.4465

■ 73.0241, 72.9424,
76.6102

■ 42.4698, 27.9849,
16.6341

■ 82.7839, 87.4151,
95.4227

■ 39.5619, 23.7917,
10.6620

■ 89.4067, 97.0908,
108.6359

■ 37.5404, 20.9196,
6.3790

■ 36.3038, 19.2108,
3.6103

■ 35.7032, 18.4230,
2.1356

■ 35.6736, 18.3815,
2.0706

Harmonies

Analogous

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



57.5783, 49.7438, 60.5244



57.3274, 49.7438, 46.1152



54.2662, 49.7438, 35.8964

Triad

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



57.3274, 49.7438, 46.1152



40.3765, 49.7438, 37.2226



45.1724, 49.7438, 86.6870

Complementary

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



57.3274, 49.7438, 46.1152



62.2262, 76.1673, 90.0232

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.



40.9207, 49.7438, 77.7641



57.3274, 49.7438, 46.1152



38.2893, 49.7438, 48.2628

Square

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



57.3274, 49.7438, 46.1152



44.3796, 49.7438, 31.4368



38.4810, 49.7438, 63.0955



50.3041, 49.7438, 85.8266

Rectangle

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



57.3274, 49.7438, 46.1152



51.1609, 49.7438, 32.0335



38.4810, 49.7438, 63.0955



43.6004, 49.7438, 84.6735

Sweetspot

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



57.3287, 49.7461, 46.1162



84.8702, 84.9052, 89.2759



63.8106, 52.1592, 88.3661



17.8383, 17.6882, 18.4759



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.



57.3287, 49.7461, 46.1162



62.1667, 51.3760, 45.0903



63.2597, 62.2176, 46.2142



15.8094, 15.7735, 16.5524



19.7289, 10.1640, 1.2231



1.6540, 0.8507, 0.1690

Inverse Universe

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



57.3287, 49.7461, 46.1162



62.1667, 51.3760, 45.0903



54.6630, 60.1066, 90.3823



15.8094, 15.7735, 16.5524



19.7289, 10.1640, 1.2231



1.6540, 0.8507, 0.1690

Previews

White Background



This preview shows how the XYZ color 57.3274, 49.7438, 46.1152 looks on a white background.

Color Contrast Check

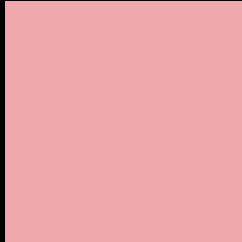
Large Text (above 18pt) WCAG AA × Fail

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 57.3274, 49.7438, 46.1152 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 57.3274, 49.7438, 46.1152

Background



This preview shows how black text looks on a background with the XYZ color 57.3274, 49.7438, 46.1152.



This preview shows how white text looks on a background with the XYZ color 57.3274, 49.7438,

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

57.3274, 49.7438, 46.1152

Protanopia

48.0558, 50.1660, 51.9499

Deuteranopia

51.0259, 49.9851, 45.4868



Tritanopia

58.2783, 49.8667, 50.2697

Trichromacy



Original Color

57.3274, 49.7438, 46.1152

Protanomaly

50.7524, 49.4525, 49.5182

Deuteranomaly

53.2927, 49.9524, 45.8627

Tritanomaly

57.9737, 49.7449, 48.6657

Monochromacy



Original Color

57.3274, 49.7438, 46.1152

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.3921, 50.3265, 52.3527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3274, 49.7438, 46.1152 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(239, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(239, 169, 173)  
}
```

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(239, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 169, 173) }
```

Border

The CSS property to change the border of an element to XYZ 57.3274, 49.7438, 46.1152 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(239, 169, 173) }
```


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

```
.border{ border-color:rgb(239, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(239, 169,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3274, 49.7438, 46.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 169, 173) }
```

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

```
.background{ background-color: rgb(239,  
169, 173) }
```

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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