

Converting Colors

XYZ(57.0876, 48.4753, 48.4672)

Have a look what the booklet for
XYZ(57.0876, 48.4753, 48.4672)
contains.

XYZ(57.0876, 48.4753, 48.4673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0876, 48.4753,
48.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA5B2
RGB	239, 165, 178
RGB Percent	94%, 65%, 70%
CMY	0.0627, 0.3529, 0.3020
CMYK	0.00, 0.31, 0.26, 0.06
HSL	349°, 70%, 79%
HSV	349°, 31%, 94%
XYZ	57.0876, 48.4753, 48.4673
YIQ	188.6080, 39.9310, 19.7310

Conversions

Conversions Part 2

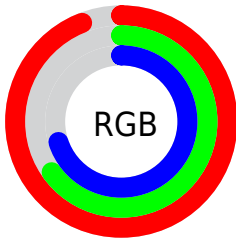
Format	Color
RYB	239, 165, 178
Decimal	15705522
CIELab	75.12, 29.09, 4.40
CIELCh	75, 29.419, 8.607
Yxy	48.4753, 0.3706, 0.3147
Android (android.graphics.Color)	4293895602 (0xFFEFA5B2)
YUV	188.6080, -5.2297, 44.1938
Hunter-Lab	69.6242, 24.5167, 7.4636

Details

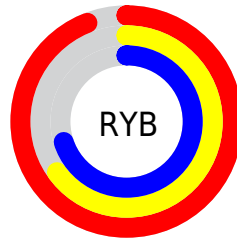
The XYZ color **57.0876, 48.4753, 48.4673** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.1131, 75.2245, 83.3067**, and the grayscale version is **48.1600, 50.6681, 55.1775**.

A 20% lighter version of the original color is **81.9477, 78.9134, 88.7546**, and **28.7872, 23.0141, 22.3269** is the 20% darker color. If you saturate the color by 10%, you get **51.3345, 39.9107, 37.4806**, and if you desaturate by 10%, it is **63.9330, 58.7691, 61.2210**.

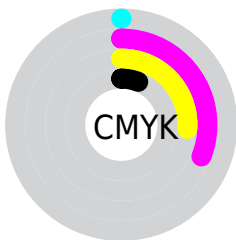
Distribution



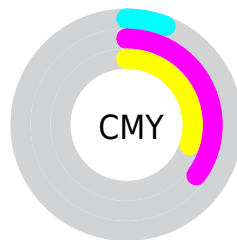
- Red (94%)
- Green (65%)
- Blue (70%)



- Red (94%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0876, 48.4753, 48.4673 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 57.0876, 48.4753, 48.4673 by changing the saturation by 10% instead.


 57.0876, 48.4753,
48.4673


 57.0876, 48.4753,
48.4673


403.7864,
380.6730, 397.2034

 41.3160, 34.2034,
33.8345

 99.7236, 87.9117,
89.2725

 28.7548, 23.0499,
22.4901


 127.3187,
113.8449, 116.2820

 19.0388, 14.6304,
14.0157


159.5857,
144.4342, 148.2542

 11.8025, 8.5604,
7.9927

196.8900,
180.0637, 185.6075

 6.6806, 4.4556,
4.0026

239.5968,
221.1180, 228.7606

 3.3077, 1.9315,
1.6268

288.0716,

 1.3185, 0.5672,

267.9813, 278.1319

0.3098

342.6796,
321.0382, 334.1400

■ 0.1970, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0876, 48.4753,
48.4673

■ 57.0876, 48.4753,
48.4673

■ 51.3345, 39.9107,
37.4806

■ 63.9330, 58.7691,
61.2210

■ 46.6128, 32.9737,
28.1794

■ 71.9195, 70.8727,
75.8123

■ 42.8614, 27.5626,
20.4803

■ 81.0979, 84.8699,
92.3115

■ 40.0112, 23.5616,
14.2913

■ 89.4067, 97.0908,
108.6359

■ 37.9837, 20.8380,
9.5108

■ 36.6861, 19.2336,
6.0242

■ 36.0142, 18.5178,
3.8642

Harmonies

Analogous

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



56.4020, 48.4753, 64.3524



57.0876, 48.4753, 48.4673



54.6475, 48.4753, 36.3578

Triad

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



57.0876, 48.4753, 48.4673



39.9115, 48.4753, 32.8362



42.4001, 48.4753, 85.4820

Complementary

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



57.0876, 48.4753, 48.4673



60.1131, 75.2245, 83.3067

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.



38.4482, 48.4753, 73.5282



57.0876, 48.4753, 48.4673



37.0912, 48.4753, 42.6878

Square

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



57.0876, 48.4753, 48.4673



44.5423, 48.4753, 28.5577



36.5772, 48.4753, 57.3441



47.6411, 48.4753, 87.8606

Rectangle

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



57.0876, 48.4753, 48.4673



51.6805, 48.4753, 31.3014



36.5772, 48.4753, 57.3441



40.8890, 48.4753, 82.3524

Sweetspot

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



57.0889, 48.4776, 48.4683



85.2627, 85.0622, 91.3431



60.2233, 49.2219, 87.9883



17.9341, 17.7266, 18.9805



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.



57.0889, 48.4776, 48.4683



61.8816, 49.8107, 48.0630



60.4656, 57.2213, 43.4580



15.8861, 15.8042, 16.9565



19.9355, 10.2466, 2.3111



1.6905, 0.8652, 0.3608

Inverse Universe

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



57.0889, 48.4776, 48.4683



61.8816, 49.8107, 48.0630



55.5439, 63.1231, 90.9182



15.8861, 15.8042, 16.9565



19.9355, 10.2466, 2.3111



1.6905, 0.8652, 0.3608

Previews

White Background



This preview shows how the XYZ color 57.0876, 48.4753, 48.4673 looks on a white background.

Color Contrast Check

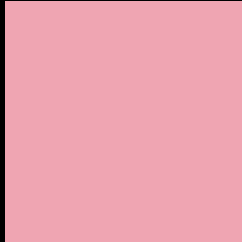
Large Text (above 18pt) WCAG AA × Fail

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 57.0876, 48.4753, 48.4673 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 57.0876, 48.4753, 48.4673

Background



This preview shows how black text looks on a background with the XYZ color 57.0876, 48.4753, 48.4673.



This preview shows how white text looks on a background with the XYZ color 57.0876, 48.4753,

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

57.0876, 48.4753, 48.4673

Protanopia

47.0648, 48.6465, 55.0532

Deuteranopia

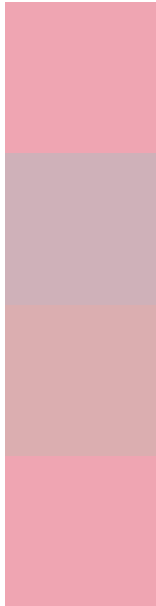
49.5901, 48.6007, 47.3246



Tritanopia

57.0876, 48.4753, 48.4673

Trichromacy



Original Color

57.0876, 48.4753, 48.4673

Protanomaly

50.2112, 48.2125, 52.5585

Deuteranomaly

52.1859, 48.4668, 47.6788

Tritanomaly

57.0876, 48.4753, 48.4673

Monochromacy



Original Color

57.0876, 48.4753, 48.4673

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8103, 49.4107, 52.7582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0876, 48.4753, 48.4673 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, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(239, 165, 178)  
}
```

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, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 165, 178) }
```

Border

The CSS property to change the border of an element to XYZ 57.0876, 48.4753, 48.4673 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, 165, 178) }
```


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

```
.border{ border-color:rgb(239, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(239, 165,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0876, 48.4753, 48.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 165, 178) }
```

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

```
.background{ background-color: rgb(239,  
165, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor