

Converting Colors

XYZ(57.2645, 50.0308, 46.7855)

Have a look what the booklet for
XYZ(57.2645, 50.0308, 46.7855)
contains.

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Color

**XYZ(57.2746, 49.9826,
46.6733)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6AAAE |
| RGB | 238, 170, 174 |
| RGB Percent | 93%, 67%, 68% |
| CMY | 0.0667, 0.3333, 0.3176 |
| CMYK | 0.00, 0.29, 0.27, 0.07 |
| HSL | 356°, 67%, 80% |
| HSV | 356°, 29%, 93% |
| XYZ | 57.2746, 49.9826, 46.6733 |
| YIQ | 190.7880, 39.2440, 15.6600 |

Conversions

Conversions Part 2

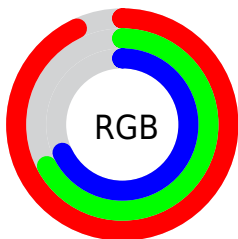
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 170, 174 |
| Decimal | 15641262 |
| CIE Lab | 76.06, 25.52, 7.92 |
| CIE LCh | 76, 26.720, 17.247 |
| Yxy | 49.9826, 0.3721, 0.3247 |
| Android (android.graphics.Color) | 4293831342 (0xFFEEAAAE) |
| YUV | 190.7880, -8.2765, 41.4049 |
| Hunter-Lab | 70.6984, 20.8854, 10.3471 |

Details

The XYZ color **57.2746, 49.9826, 46.6733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.0055, 75.6368, 89.1771**, and the grayscale version is **49.4301, 52.0043, 56.6327**.

A 20% lighter version of the original color is **82.5792, 81.3099, 85.4707**, and **28.9302, 23.9515, 21.5107** is the 20% darker color. If you saturate the color by 10%, you get **51.2054, 41.0524, 34.7592**, and if you desaturate by 10%, it is **64.5184, 60.6784, 60.7769**.

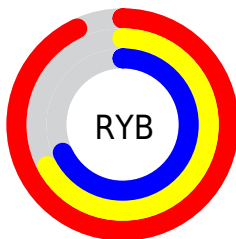
Distribution



Red (93%)

Green (67%)

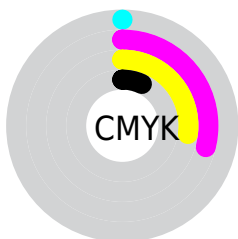
Blue (68%)



Red (93%)

Yellow (67%)

Blue (68%)

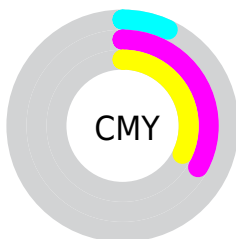


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2746, 49.9826, 46.6733 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 57.2746, 49.9826, 46.6733 by changing the saturation by 10% instead.

57.2746, 49.9826,
46.6733

57.2746, 49.9826,
46.6733

404.4750,
386.5979, 389.8649

41.4667, 35.3996,
32.4250

99.9948, 90.1491,
86.5706

28.8733, 23.9708,
21.4188

127.6379,
116.5014, 113.0567

19.1288, 15.3120,
13.2363

159.9567,
147.5455, 144.4591

11.8679, 9.0386,
7.4588

197.3167,
183.6659, 181.1964

6.7254, 4.7664,
3.6679

240.0831,
225.2469, 223.6870

3.3357, 2.1109,
1.4450

288.6215,

1.3337, 0.6707,

272.6730, 272.3497

0.1764

343.2970,
326.3285, 327.6028

■ 0.2082, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2746, 49.9826,
46.6733

■ 57.2746, 49.9826,
46.6733

■ 51.2054, 41.0524,
34.7592

■ 64.5184, 60.6784,
60.7769

■ 46.2451, 33.7864,
24.9220

■ 72.9898, 73.2201,
77.1688

■ 42.3277, 28.0836,
17.0436

■ 82.7436, 87.6917,
95.9457

■ 39.3787, 23.8294,
10.9929

■ 89.0700, 96.9172,
108.6201

■ 37.3134, 20.8931,
6.6226

■ 36.0328, 19.1210,
3.7628

■ 35.3996, 18.2922,
2.2031

■ 35.3392, 18.2089,
2.0670

Harmonies

Analogous

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



57.4955, 49.9826, 60.7181



57.2746, 49.9826, 46.6733



54.3242, 49.9826, 36.6324

Triad

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



57.2746, 49.9826, 46.6733



40.8026, 49.9826, 37.8155



45.4198, 49.9826, 85.8724

Complementary

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



57.2746, 49.9826, 46.6733



62.0055, 75.6368, 89.1771

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.



41.2854, 49.9826, 77.2024



57.2746, 49.9826, 46.6733



38.7479, 49.9826, 48.5779

Square

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



57.2746, 49.9826, 46.6733



44.7179, 49.9826, 32.1672



38.9182, 49.9826, 62.9853



50.4096, 49.9826, 85.1185

Rectangle

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



57.2746, 49.9826, 46.6733



51.3162, 49.9826, 32.8073



38.9182, 49.9826, 62.9853



43.8910, 49.9826, 83.9076

Sweetspot

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



57.2760, 49.9849, 46.6743



84.8757, 84.9074, 89.3049



63.5656, 52.3272, 87.6390



17.8396, 17.6888, 18.4830



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.



57.2760, 49.9849, 46.6743



62.8791, 52.4086, 46.5373



63.0481, 62.1433, 46.7051



15.8105, 15.7739, 16.5581



19.7307, 10.1647, 1.2323



1.6545, 0.8509, 0.1717

Inverse Universe

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



57.2760, 49.9849, 46.6743



62.8791, 52.4086, 46.5373



54.6983, 60.0934, 89.6054



15.8105, 15.7739, 16.5581



19.7307, 10.1647, 1.2323



1.6545, 0.8509, 0.1717

Previews

White Background



This preview shows how the XYZ color 57.2746, 49.9826, 46.6733 looks on a white background.

Color Contrast Check

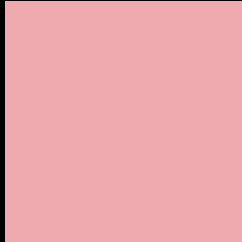
Large Text (above 18pt) WCAG AA × Fail

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 57.2746, 49.9826, 46.6733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

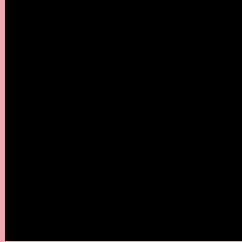
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2746, 49.9826, 46.6733

Background



This preview shows how black text looks on a background with the XYZ color 57.2746, 49.9826, 46.6733.



This preview shows how white text looks on a background with the XYZ color 57.2746, 49.9826,

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

57.2746, 49.9826, 46.6733

Protanopia

48.0558, 50.1660, 51.9499

Deuteranopia

51.1216, 50.0234, 45.9908



Tritanopia

58.2281, 50.1041, 50.8581

Trichromacy



Original Color

57.2746, 49.9826, 46.6733

Protanomaly

51.0566, 49.8983, 50.1204

Deuteranomaly

53.0838, 49.8336, 46.3562

Tritanomaly

57.9213, 49.9813, 49.2424

Monochromacy



Original Color

57.2746, 49.9826, 46.6733

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.7029, 50.7797, 52.9754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2746, 49.9826, 46.6733 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, 170, 174)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 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, 170, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 174) }
```

Border

The CSS property to change the border of an element to XYZ 57.2746, 49.9826, 46.6733 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, 170, 174) }
```


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

```
.border{ border-color:rgb(238, 170, 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, 170, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 174);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2746, 49.9826, 46.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 174) }
```

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

```
.background{ background-color: rgb(238,  
170, 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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