

Converting Colors

XYZ(56.6977, 48.0516, 58.5111)

Have a look what the booklet for
XYZ(56.6977, 48.0516, 58.5111)
contains.

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Color

**XYZ(56.6977, 48.0516,
58.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A5C4
RGB	232, 165, 196
RGB Percent	91%, 65%, 77%
CMY	0.0902, 0.3529, 0.2314
CMYK	0.00, 0.29, 0.16, 0.09
HSL	332°, 59%, 78%
HSV	332°, 29%, 91%
XYZ	56.6977, 48.0516, 58.5111
YIQ	188.5670, 29.9810, 23.8450

Conversions

Conversions Part 2

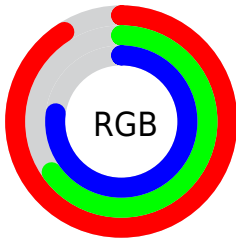
Format	Color
R _Y B	232, 165, 196
Decimal	15246788
CIE Lab	74.86, 29.27, -5.95
CIE LCh	75, 29.872, 348.511
Yxy	48.0516, 0.3473, 0.2943
Android (android.graphics.Color)	4293436868 (0xFFE8A5C4)
YUV	188.5670, 3.6645, 38.0907
Hunter-Lab	69.3193, 24.6902, -1.5221

Details

The XYZ color **56.6977, 48.0516, 58.5111** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9184, 69.9310, 65.8653**, and the grayscale version is **48.0916, 50.5961, 55.0991**.

A 20% lighter version of the original color is **84.8261, 80.0648, 103.9117**, and **28.3559, 22.6553, 28.4696** is the 20% darker color. If you saturate the color by 10%, you get **51.5261, 39.8853, 50.0749**, and if you desaturate by 10%, it is **62.7490, 57.7875, 67.8234**.

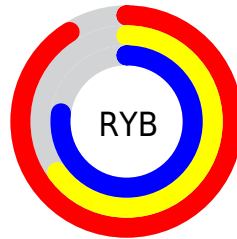
Distribution



Red (91%)

Green (65%)

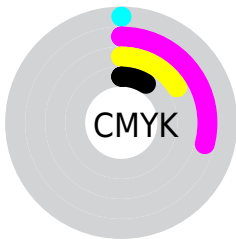
Blue (77%)



Red (91%)

Yellow (65%)

Blue (77%)

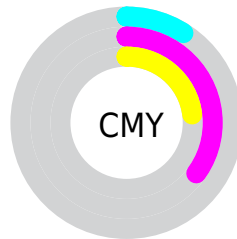


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6977, 48.0516, 58.5111 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 56.6977, 48.0516, 58.5111 by changing the saturation by 10% instead.


 56.6977, 48.0516,
58.5111


 56.6977, 48.0516,
58.5111


402.3481,
378.9966, 436.7390

 41.0018, 33.8678,
41.8023

 99.1579, 87.2812,
104.1889

 28.5081, 22.7920,
28.6221

 126.6528,
113.0958, 133.9949

 18.8515, 14.4400,
18.5520

158.8115,
143.5561, 169.0038

 11.6664, 8.4273,
11.1735

195.9992,
179.0464, 209.6339

 6.5875, 4.3696,
6.0680

238.5814,
219.9512, 256.3040

 3.2495, 1.8824,
2.8170

286.9234,

 1.2870, 0.5378,

266.6550, 309.4326

1.0020

341.3905,
319.5420, 369.4380

■ 0.1735, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6977, 48.0516,
58.5111

■ 56.6977, 48.0516,
58.5111

■ 51.5261, 39.8853,
50.0749

■ 62.7490, 57.7875,
67.8234

■ 47.1861, 33.1987,
42.4830

■ 69.7166, 69.1633,
78.0360

■ 43.6313, 27.9030,
35.7060

■ 77.6399, 82.2533,
89.1757

■ 40.8085, 23.8968,
29.7108

■ 85.6532, 95.3216,
100.9665

■ 38.6575, 21.0650,
24.4616

■ 87.0890, 95.8960,
108.5274

■ 37.1077, 19.2716,
19.9180

■ 36.0534, 18.3109,
16.0275

■ 35.9506, 18.2246,
15.6255

Harmonies

Analogous

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



53.9560, 48.0516, 74.7589



56.6977, 48.0516, 58.5111



56.3159, 48.0516, 43.3813

Triad

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



56.6977, 48.0516, 58.5111



42.4333, 48.0516, 28.7607



39.0920, 48.0516, 78.0955

Complementary

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



56.6977, 48.0516, 58.5111



54.9184, 69.9310, 65.8653

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.



36.4609, 48.0516, 62.4093



56.6977, 48.0516, 58.5111



38.2818, 48.0516, 34.8910

Square

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



56.6977, 48.0516, 58.5111



47.7851, 48.0516, 28.1287



36.1766, 48.0516, 46.5818



43.6214, 48.0516, 87.4733

Rectangle

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



56.6977, 48.0516, 58.5111



54.3472, 48.0516, 35.8086



36.1766, 48.0516, 46.5818



37.9722, 48.0516, 73.2570

Sweetspot

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



56.6991, 48.0538, 58.5121



86.2382, 85.4524, 96.4800



52.0384, 45.1195, 82.3109



18.1733, 17.8222, 20.2399



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.



56.6991, 48.0538, 58.5121



66.0984, 52.9487, 65.7945



53.9336, 47.5978, 41.9446



14.6530, 14.4784, 16.3731



20.0203, 10.1423, 9.0019



1.5259, 0.7681, 0.9101

Inverse Universe

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



56.6991, 48.0538, 58.5121



66.0984, 52.9487, 65.7945



58.3161, 70.2907, 86.8385



14.6530, 14.4784, 16.3731



20.0203, 10.1423, 9.0019



1.5259, 0.7681, 0.9101

Previews

White Background



This preview shows how the XYZ color 56.6977, 48.0516, 58.5111 looks on a white background.

Color Contrast Check

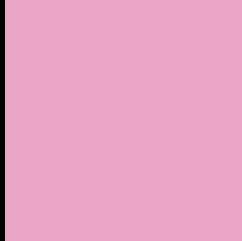
Large Text (above 18pt) WCAG AA × Fail

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 56.6977, 48.0516, 58.5111 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 56.6977, 48.0516, 58.5111

Background



This preview shows how black text looks on a background with the XYZ color 56.6977, 48.0516, 58.5111.



This preview shows how white text looks on a background with the XYZ color 56.6977, 48.0516,

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

56.6977, 48.0516, 58.5111

Protanopia

47.2520, 48.1957, 65.8437

Deuteranopia

49.0344, 48.0962, 57.1512



Tritanopia

54.9762, 48.1645, 50.1152

Trichromacy



Original Color

56.6977, 48.0516, 58.5111

Protanomaly

50.1242, 47.6418, 63.0539

Deuteranomaly

51.4520, 47.8688, 57.5667

Tritanomaly

55.6366, 48.1715, 52.8200

Monochromacy



Original Color

56.6977, 48.0516, 58.5111

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.0125, 49.4274, 56.7210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6977, 48.0516, 58.5111 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(232, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(232, 165, 196)  
}
```

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(232, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 165, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.6977, 48.0516, 58.5111 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(232, 165, 196) }
```


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

```
.border{ border-color:rgb(232, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(232, 165,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6977, 48.0516, 58.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 165, 196) }
```

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

```
.background{ background-color: rgb(232,  
165, 196) }
```

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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