

Converting Colors

XYZ(58.5011, 48.0950, 59.3954)

Have a look what the booklet for
XYZ(58.5011, 48.0950, 59.3954)
contains.

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Color

**XYZ(58.7100, 48.2686,
59.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA2C6
RGB	239, 162, 198
RGB Percent	94%, 64%, 78%
CMY	0.0627, 0.3647, 0.2235
CMYK	0.00, 0.32, 0.17, 0.06
HSL	332°, 71%, 79%
HSV	332°, 32%, 94%
XYZ	58.7100, 48.2686, 59.6485
YIQ	189.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

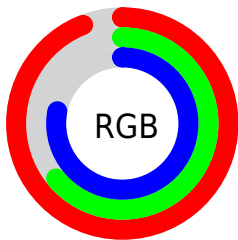
Format	Color
R _Y B	239, 162, 198
Decimal	15704774
CIE Lab	74.99, 33.61, -6.76
CIE LCh	75, 34.280, 348.624
Yxy	48.2686, 0.3523, 0.2897
Android (android.graphics.Color)	4293894854 (0xFFEFA2C6)
YUV	189.1270, 4.3744, 43.7386
Hunter-Lab	69.4756, 29.2582, -2.2707

Details

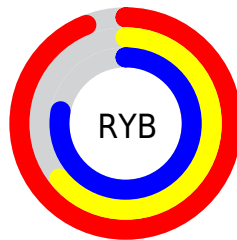
The XYZ color **58.7100, 48.2686, 59.6485** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.5484, 73.7275, 67.7538**, and the grayscale version is **48.4056, 50.9265, 55.4590**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **29.7941, 22.8960, 29.2346** is the 20% darker color. If you saturate the color by 10%, you get **53.4865, 40.0726, 50.9666**, and if you desaturate by 10%, it is **64.8597, 58.1185, 69.2488**.

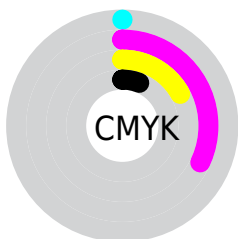
Distribution



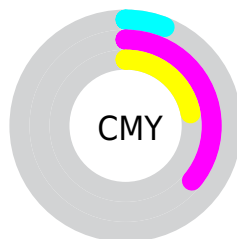
- Red (94%)
- Green (64%)
- Blue (78%)



- Red (94%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7100, 48.2686, 59.6485 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 58.7100, 48.2686, 59.6485 by changing the saturation by 10% instead.

58.7100, 48.2686,
59.6485

58.7100, 48.2686,
59.6485

409.7377,
379.8558, 441.0696

42.6252, 34.0396,
42.7119

102.0731, 87.6042,
105.8580

29.7844, 22.9241,
29.3294

130.0821,
113.4796, 135.9680

19.8222, 14.5374,
19.0825

162.7965,
144.0060, 171.3062

12.3734, 8.4954,
11.5525

200.5818,
179.5677, 212.2912

7.0725, 4.4135,
6.3209

243.8031,
220.5491, 259.3415

3.5542, 1.9075,
2.9692

292.8260,

1.4532, 0.5529,

267.3347, 312.8756

1.0790

348.0158,
320.3088, 373.3121

■ 0.2936, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7100, 48.2686,
59.6485

■ 58.7100, 48.2686,
59.6485

■ 53.4865, 40.0726,
50.9666

■ 64.8597, 58.1185,
69.2488

■ 49.1365, 33.4316,
43.1691

■ 71.9763, 69.7006,
79.7938

■ 45.6084, 28.2466,
36.2239

■ 80.1028, 83.0959,
91.3123

■ 42.8427, 24.4044,
30.0949

■ 88.4414, 96.7047,
103.5519

■ 40.7716, 21.7744,
24.7427

■ 89.4069, 97.0909,
108.6359

■ 39.3137, 20.1996,
20.1226

■ 38.5067, 19.5148,
16.9886

Harmonies

Analogous

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



55.5094, 48.2686, 78.7751



58.7100, 48.2686, 59.6485



58.2473, 48.2686, 42.3040

Triad

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



58.7100, 48.2686, 59.6485



42.1425, 48.2686, 26.2029



38.3771, 48.2686, 82.8780

Complementary

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



58.7100, 48.2686, 59.6485



56.5484, 73.7275, 67.7538

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.



35.3967, 48.2686, 64.3440



58.7100, 48.2686, 59.6485



37.4303, 48.2686, 32.9151

Square

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



58.7100, 48.2686, 59.6485



48.2917, 48.2686, 25.5005



35.0666, 48.2686, 46.0498



43.5459, 48.2686, 94.0813

Rectangle

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



58.7100, 48.2686, 59.6485



55.9320, 48.2686, 33.8515



35.0666, 48.2686, 46.0498



37.1071, 48.2686, 77.1270

Sweetspot

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



58.7114, 48.2708, 59.6495



85.3381, 83.9518, 95.2559



52.8009, 44.6015, 87.4880



17.9943, 17.5234, 19.9980



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.



58.7114, 48.2708, 59.6495



63.7189, 49.1525, 62.0328



55.2676, 47.2569, 40.3937



16.0803, 15.8818, 17.9793



21.3445, 10.8102, 9.7305



1.8255, 0.9192, 1.0718

Inverse Universe

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



58.7114, 48.2708, 59.6495



63.7189, 49.1525, 62.0328



60.9739, 74.8988, 92.9052



16.0803, 15.8818, 17.9793



21.3445, 10.8102, 9.7305



1.8255, 0.9192, 1.0718

Previews

White Background



This preview shows how the XYZ color 58.7100, 48.2686, 59.6485 looks on a white background.

Color Contrast Check

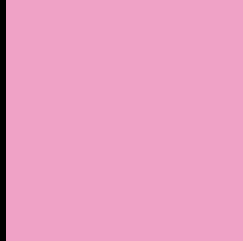
Large Text (above 18pt) WCAG AA × Fail

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 58.7100, 48.2686, 59.6485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

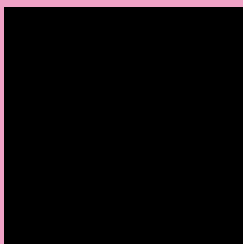
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7100, 48.2686, 59.6485

Background



This preview shows how black text looks on a background with the XYZ color 58.7100, 48.2686, 59.6485.



This preview shows how white text looks on a background with the XYZ color 58.7100, 48.2686,

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

58.7100, 48.2686, 59.6485

Protanopia

47.8465, 48.7377, 69.1729

Deuteranopia

49.4603, 48.5884, 58.4014



Tritanopia

56.4161, 48.1291, 48.4359

Trichromacy



Original Color

58.7100, 48.2686, 59.6485



Protanomaly

50.8752, 47.9732, 65.6098



Deuteranomaly

52.3479, 48.0188, 58.7341



Tritanomaly

57.2923, 48.2308, 52.1888

Monochromacy



Original Color

58.7100, 48.2686, 59.6485



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.3667, 49.3114, 56.6799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7100, 48.2686, 59.6485 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, 162, 198)` looks like.

```
.text, #text, p{  
    color:rgb(239, 162, 198)  
}
```

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, 162, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 162, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.7100, 48.2686, 59.6485 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, 162, 198) }
```


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

```
.border{ border-color:rgb(239, 162, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 162, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 162, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 162, 198);  
box-shadow:4px 4px 4px 4px rgb(239, 162,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7100, 48.2686, 59.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 162, 198) }
```

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

```
.background{ background-color: rgb(239,  
162, 198) }
```

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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