

Converting Colors

XYZ(58.9539, 48.8917, 59.6399)

Have a look what the booklet for
XYZ(58.9539, 48.8917, 59.6399)
contains.

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Color

**XYZ(59.0651, 48.9789,
59.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA4C6
RGB	239, 164, 198
RGB Percent	94%, 64%, 78%
CMY	0.0627, 0.3568, 0.2235
CMYK	0.00, 0.31, 0.17, 0.06
HSL	333°, 70%, 79%
HSV	333°, 31%, 94%
XYZ	59.0651, 48.9789, 59.7669
YIQ	190.3010, 33.7860, 26.4740

Conversions

Conversions Part 2

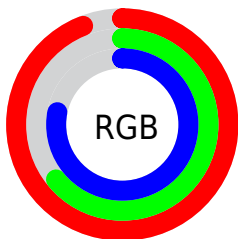
Format	Color
R _{YB}	239, 164, 198
Decimal	15705286
CIE _{Lab}	75.44, 32.55, -6.10
CIE _{LCh}	75, 33.116, 349.379
Yxy	48.9789, 0.3520, 0.2919
Android (android.graphics.Color)	4293895366 (0xFFEFA4C6)
YUV	190.3010, 3.7956, 42.7090
Hunter-Lab	69.9849, 28.1748, -1.6440

Details

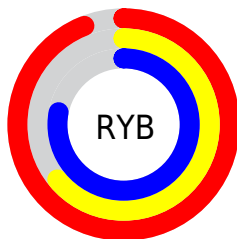
The XYZ color **59.0651, 48.9789, 59.7669** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1979, 74.0346, 69.0366**, and the grayscale version is **49.0834, 51.6396, 56.2355**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **30.0099, 23.3276, 29.3065** is the 20% darker color. If you saturate the color by 10%, you get **53.7405, 40.6380, 50.8744**, and if you desaturate by 10%, it is **65.3263, 58.9837, 69.6141**.

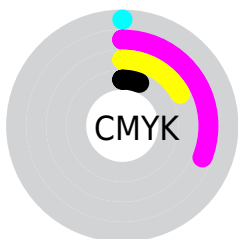
Distribution



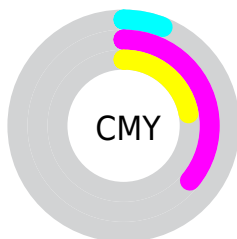
- Red (94%)
- Green (64%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (17%)
- Black (6%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0651, 48.9789, 59.7669 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 59.0651, 48.9789, 59.7669 by changing the saturation by 10% instead.


 59.0651, 48.9789,
59.7669


 59.0651, 48.9789,
59.7669


411.0333,
382.6592, 441.5188

 42.9121, 34.6027,
42.8067

 102.5864, 88.6601,
106.0315

 30.0104, 23.3570,
29.4032


 130.6853,
114.7340, 136.1730

 19.9946, 14.8574,
19.1379


163.4970,
145.4758, 171.5454

 12.4993, 8.7193,
11.5921

201.3867,
181.2701, 212.5671

 7.1593, 4.5586,
6.3474

244.7199,
222.5012, 259.6568

 3.6092, 1.9907,
2.9853

293.8618,

 1.4835, 0.6020,

269.5535, 313.2329

1.0871

349.1778,
322.8114, 373.7141

■ 0.3146, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0651, 48.9789,
59.7669

■ 59.0651, 48.9789,
59.7669

■ 53.7405, 40.6380,
50.8744

■ 65.3263, 58.9837,
69.6141

■ 49.2998, 33.8626,
42.9014

■ 72.5645, 70.7300,
80.4436

■ 45.6914, 28.5546,
35.8145

■ 80.8230, 84.2988,
92.2852

■ 42.8564, 24.6015,
29.5765

■ 88.6538, 96.7896,
104.6708

■ 40.7273, 21.8745,
24.1467

■ 89.4068, 97.0908,
108.6359

■ 39.2240, 20.2193,
19.4790

■ 38.3217, 19.4408,
16.0148

Harmonies

Analogous

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



56.0399, 48.9789, 78.3382



59.0651, 48.9789, 59.7669



58.5233, 48.9789, 42.9378

Triad

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



59.0651, 48.9789, 59.7669



42.7669, 48.9789, 27.4941



39.3235, 48.9789, 83.1213

Complementary

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



59.0651, 48.9789, 59.7669



57.1979, 74.0346, 69.0366

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.



36.3375, 48.9789, 65.2760



59.0651, 48.9789, 59.7669



38.2021, 48.9789, 34.3057

Square

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



59.0651, 48.9789, 59.7669



48.7495, 48.9789, 26.6489



35.9458, 48.9789, 47.3721



44.4234, 48.9789, 93.6494

Rectangle

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



59.0651, 48.9789, 59.7669



56.2252, 48.9789, 34.7234



35.9458, 48.9789, 47.3721



38.0589, 48.9789, 77.6190

Sweetspot

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



59.0665, 48.9812, 59.7679



86.2059, 85.4395, 96.3097



53.7593, 45.6229, 87.6345



18.1653, 17.8190, 20.1981



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.



59.0665, 48.9812, 59.7679



64.1475, 50.0133, 62.1651



56.0265, 48.4881, 41.5310



16.0707, 15.8780, 17.9286



21.2415, 10.7690, 9.1885



1.8166, 0.9157, 1.0252

Inverse Universe

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



59.0665, 48.9812, 59.7679



64.1475, 50.0133, 62.1651



61.0310, 74.4049, 92.8067



16.0707, 15.8780, 17.9286



21.2415, 10.7690, 9.1885



1.8166, 0.9157, 1.0252

Previews

White Background



This preview shows how the XYZ color 59.0651, 48.9789, 59.7669 looks on a white background.

Color Contrast Check

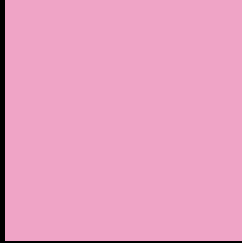
Large Text (above 18pt) WCAG AA × Fail

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 59.0651, 48.9789, 59.7669 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 59.0651, 48.9789, 59.7669

Background



This preview shows how black text looks on a background with the XYZ color 59.0651, 48.9789, 59.7669.



This preview shows how white text looks on a background with the XYZ color 59.0651, 48.9789,

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

59.0651, 48.9789, 59.7669

Protanopia

48.3982, 49.3462, 68.6019

Deuteranopia

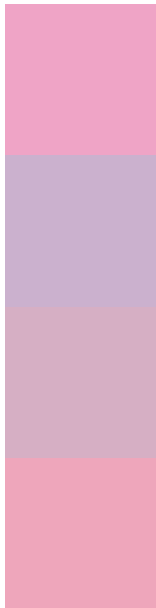
50.1936, 49.2672, 58.4938



Tritanopia

56.9820, 48.9372, 49.6226

Trichromacy



Original Color

59.0651, 48.9789, 59.7669

Protanomaly

51.4913, 48.5970, 65.0588

Deuteranomaly

53.0253, 48.9416, 58.8765

Tritanomaly

57.8658, 49.0374, 53.4290

Monochromacy



Original Color

59.0651, 48.9789, 59.7669

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.1619, 50.3079, 57.4132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0651, 48.9789, 59.7669 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, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(239, 164, 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, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 164, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.0651, 48.9789, 59.7669 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, 164, 198) }
```


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

```
.border{ border-color:rgb(239, 164, 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, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(239, 164,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0651, 48.9789, 59.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 164, 198) }
```

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

```
.background{ background-color: rgb(239,  
164, 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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