

Converting Colors

XYZ(59.4467, 44.9974, 48.8609)

Have a look what the booklet for
XYZ(59.4467, 44.9974, 48.8609)
contains.

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Color

**XYZ(59.3902, 44.9239,
48.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	FE92B4
RGB	254, 146, 180
RGB Percent	100%, 57%, 71%
CMY	0.0039, 0.4274, 0.2941
CMYK	0.00, 0.43, 0.29, 0.00
HSL	341°, 98%, 78%
HSV	341°, 43%, 100%
XYZ	59.3902, 44.9239, 48.7210
YIQ	182.1680, 53.4540, 33.4700

Conversions

Conversions Part 2

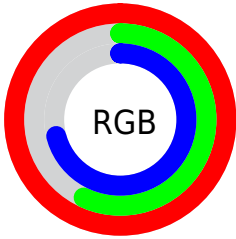
Format	Color
R _Y B	254, 146, 180
Decimal	16683700
CIE Lab	72.84, 44.52, 0.20
CIE LCh	73, 44.522, 0.260
Yxy	44.9239, 0.3881, 0.2936
Android (android.graphics.Color)	4294873780 (0xFFFE92B4)
YUV	182.1680, -1.0688, 62.9967
Hunter-Lab	67.0253, 40.8722, 3.8195

Details

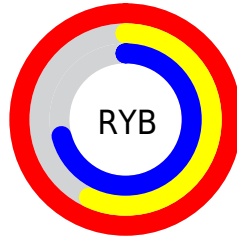
The XYZ color **59.3902, 44.9239, 48.7210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2163, 82.1631, 80.3998**, and the grayscale version is **44.5414, 46.8610, 51.0317**.

A 20% lighter version of the original color is **77.5009, 69.5572, 88.6980**, and **30.2508, 20.9631, 22.5306** is the 20% darker color. If you saturate the color by 10%, you get **54.2376, 37.2802, 38.7982**, and if you desaturate by 10%, it is **65.6377, 54.4005, 60.1082**.

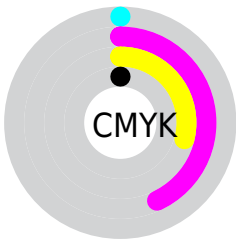
Distribution



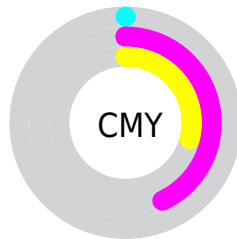
- Red (100%)
- Green (57%)
- Blue (71%)



- Red (100%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3902, 44.9239, 48.7210 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 59.3902, 44.9239, 48.7210 by changing the saturation by 10% instead.


 59.3902, 44.9239,
48.7210


 59.3902, 44.9239,
48.7210


412.2173,
366.4653, 398.2338

 43.1749, 31.3975,
34.0342

 103.0560, 82.6062,
89.6536

 30.2175, 20.9017,
22.6423


 131.2371,
107.5309, 116.7365

 20.1526, 13.0522,
14.1268

164.1376,
137.0238, 148.7885

 12.6149, 7.4645,
8.0691

202.1227,
171.4693, 186.2281

 7.2391, 3.7542,
4.0508

245.5579,
211.2518, 229.4739

 3.6597, 1.5371,
1.6533

294.8085,

 1.5115, 0.3146,

256.7557, 278.9444

0.3284

350.2398,
308.3654, 335.0582

■ 0.3336, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3902, 44.9239,
48.7210

■ 59.3902, 44.9239,
48.7210

■ 54.2376, 37.2802,
38.7982

■ 65.6377, 54.4005,
60.1082

■ 50.1097, 31.3429,
30.2743

■ 73.0370, 65.8123,
73.0158

■ 46.9336, 26.9800,
23.0827

■ 81.6455, 79.2619,
87.4999

■ 44.6245, 24.0369,
17.1489

■ 91.5156, 94.8425,
103.6130

■ 43.0810, 22.3268,
12.3897

94.6832, 99.8109,
108.8828

■ 42.3195, 21.6494,
9.5288

Harmonies

Analogous

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



56.9795, 44.9239, 73.2699



59.3902, 44.9239, 48.7210



56.8976, 44.9239, 30.4153

Triad

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



59.3902, 44.9239, 48.7210



35.6249, 44.9239, 20.5488



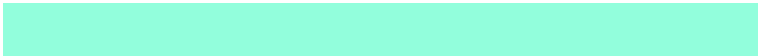
35.7289, 44.9239, 96.0819

Complementary

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



59.3902, 44.9239, 48.7210



60.2163, 82.1631, 80.3998

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.



31.0837, 44.9239, 73.7101



59.3902, 44.9239, 48.7210



31.0289, 44.9239, 30.6604

Square

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



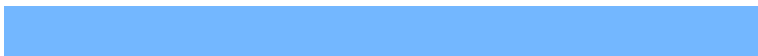
59.3902, 44.9239, 48.7210



42.6312, 44.9239, 17.4585



29.4704, 44.9239, 49.1085



42.7665, 44.9239, 105.1645

Rectangle

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



59.3902, 44.9239, 48.7210



52.9451, 44.9239, 22.9010



29.4704, 44.9239, 49.1085



33.8679, 44.9239, 89.5888

Sweetspot

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



59.3914, 44.9261, 48.7219



81.9275, 79.2653, 87.5380



57.6248, 42.9005, 99.0097



17.1053, 16.2908, 18.0201



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.



59.3914, 44.9261, 48.7219



55.4399, 38.6636, 40.5629



59.6629, 50.3483, 33.7705



18.2449, 18.0813, 19.9068



22.3697, 11.4372, 5.3315



2.2250, 1.1324, 0.7663

Inverse Universe

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



59.3914, 44.9261, 48.7219



55.4399, 38.6636, 40.5629



59.2250, 72.2279, 104.5862



18.2449, 18.0813, 19.9068



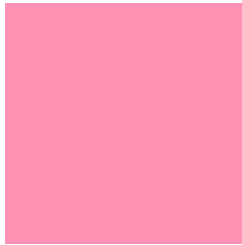
22.3697, 11.4372, 5.3315



2.2250, 1.1324, 0.7663

Previews

White Background



This preview shows how the XYZ color 59.3902, 44.9239, 48.7210 looks on a white background.

Color Contrast Check

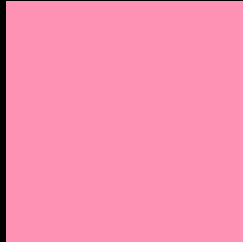
Large Text (above 18pt) WCAG AA × Fail

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 59.3902, 44.9239, 48.7210 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 59.3902, 44.9239, 48.7210

Background



This preview shows how black text looks on a background with the XYZ color 59.3902, 44.9239, 48.7210.



This preview shows how white text looks on a background with the XYZ color 59.3902, 44.9239,

48.7210.

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

59.3902, 44.9239, 48.7210

Protanopia

44.3607, 45.3114, 60.4408

Deuteranopia

45.9701, 44.9881, 46.8181



Tritanopia

57.3254, 44.7635, 39.3371

Trichromacy



Original Color

59.3902, 44.9239, 48.7210



Protanomaly

48.3275, 44.0573, 55.8260



Deuteranomaly

49.9464, 44.2741, 47.5083



Tritanomaly

58.1658, 44.8896, 42.6447

Monochromacy



Original Color

59.3902, 44.9239, 48.7210



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.5409, 45.1220, 49.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3902, 44.9239, 48.7210 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(254, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 146, 180)  
}
```

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(254, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 146, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.3902, 44.9239, 48.7210 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(254, 146, 180) }
```


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

```
.border{ border-color:rgb(254, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 146,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3902, 44.9239, 48.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 146, 180) }
```

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

```
.background{ background-color: rgb(254,  
146, 180) }
```

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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