

Converting Colors

XYZ(59.8488, 49.8988, 48.5965)

Have a look what the booklet for
XYZ(59.8488, 49.8988, 48.5965)
contains.

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Color

**XYZ(59.8488, 49.8988,
48.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A5B2
RGB	247, 165, 178
RGB Percent	97%, 65%, 70%
CMY	0.0314, 0.3529, 0.3020
CMYK	0.00, 0.33, 0.28, 0.03
HSL	350°, 84%, 81%
HSV	350°, 33%, 97%
XYZ	59.8488, 49.8988, 48.5965
YIQ	191.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

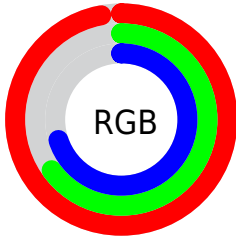
Format	Color
R _Y B	247, 165, 178
Decimal	16229810
CIE Lab	76.01, 31.98, 5.79
CIE LCh	76, 32.495, 10.264
Yxy	49.8988, 0.3780, 0.3151
Android (android.graphics.Color)	4294419890 (0xFFF7A5B2)
YUV	191.0000, -6.4090, 49.1120
Hunter-Lab	70.6391, 27.6153, 8.6585

Details

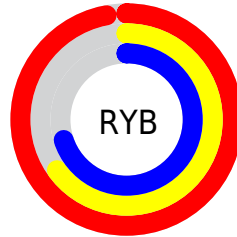
The XYZ color **59.8488, 49.8988, 48.5965** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6313, 80.4626, 90.0232**, and the grayscale version is **49.5403, 52.1203, 56.7590**.

A 20% lighter version of the original color is **81.9477, 78.9134, 88.7546**, and **30.4821, 23.8878, 22.4063** is the 20% darker color. If you saturate the color by 10%, you get **53.8850, 41.0617, 37.0805**, and if you desaturate by 10%, it is **66.9918, 60.5877, 62.0667**.

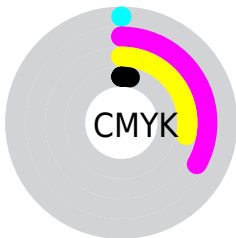
Distribution



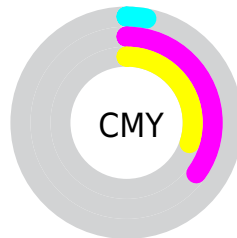
- Red (97%)
- Green (65%)
- Blue (70%)



- Red (97%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (3%)




- Cyan (3%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8488, 49.8988, 48.5965 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 59.8488, 49.8988, 48.5965 by changing the saturation by 10% instead.


 59.8488, 49.8988,
48.5965


 59.8488, 49.8988,
48.5965


413.8839,
386.2701, 397.7284

 43.5458, 35.3330,
33.9362

 103.7179, 90.0249,
89.4666

 30.5099, 23.9195,
22.5676


 132.0147,
116.3540, 116.5135

 20.3760, 15.2739,
14.0723


165.0401,
147.3730, 148.5264

 12.7785, 9.0119,
8.0316

203.1595,
183.4663, 185.9237

 7.3521, 4.7489,
4.0271

246.7382,
225.0182, 229.1240

 3.7316, 2.1007,
1.6402


296.1416,


 1.5514, 0.6650,


272.4132, 278.5458


0.3193


351.7350,
326.0357, 334.6078


 0.3604, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 59.8488, 49.8988,
48.5965


 59.8488, 49.8988,
48.5965


 53.8850, 41.0617,
37.0805


 66.9918, 60.5877,
62.0667


 49.0326, 33.9643,
27.4246

 75.3691, 73.2180,
77.5735

 45.2227, 28.4931,
19.5310

 85.0369, 87.8821,
95.1978

 42.3773, 24.5185,
13.2919

 92.1679, 98.5142,
108.7651

■ 40.4070, 21.8907,
8.5872

■ 39.2046, 20.4288,
5.2799

■ 38.7265, 19.9217,
3.7363

Harmonies

Analogous

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



59.2688, 49.8988, 66.4040



59.8488, 49.8988, 48.5965



56.8913, 49.8988, 35.4829

Triad

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



59.8488, 49.8988, 48.5965



40.2844, 49.8988, 32.6285



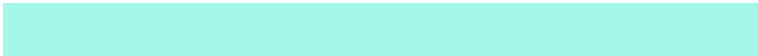
43.5984, 49.8988, 92.2074

Complementary

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



59.8488, 49.8988, 48.5965



63.6313, 80.4626, 90.0232

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.



39.0758, 49.8988, 78.8937



59.8488, 49.8988, 48.5965



37.2784, 49.8988, 43.8184

Square

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



59.8488, 49.8988, 48.5965



45.3802, 49.8988, 27.6545



36.8557, 49.8988, 60.5004



49.5351, 49.8988, 94.2526

Rectangle

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



59.8488, 49.8988, 48.5965



53.4480, 49.8988, 30.1905



36.8557, 49.8988, 60.5004



41.8766, 49.8988, 88.7857

Sweetspot

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



59.8502, 49.9012, 48.5975



84.1833, 83.4899, 89.1751



63.9585, 51.0080, 94.4705



17.7163, 17.4122, 18.5338



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.



59.8502, 49.9012, 48.5975



59.8082, 46.9133, 43.5205



64.0739, 60.3388, 43.8698



16.6062, 16.5253, 17.6729



20.5142, 10.5491, 2.1502



1.8339, 0.9395, 0.3516

Inverse Universe

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



59.8502, 49.9012, 48.5975



59.8082, 46.9133, 43.5205



57.8133, 65.7283, 97.6357



16.6062, 16.5253, 17.6729



20.5142, 10.5491, 2.1502



1.8339, 0.9395, 0.3516

Previews

White Background



This preview shows how the XYZ color 59.8488, 49.8988, 48.5965 looks on a white background.

Color Contrast Check

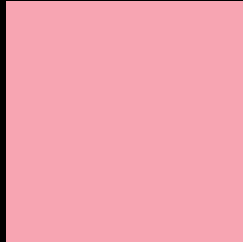
Large Text (above 18pt) WCAG AA × Fail

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 59.8488, 49.8988, 48.5965 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 59.8488, 49.8988, 48.5965

Background



This preview shows how black text looks on a background with the XYZ color 59.8488, 49.8988, 48.5965.



This preview shows how white text looks on a background with the XYZ color 59.8488, 49.8988,

48.5965.

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

59.8488, 49.8988, 48.5965

Protanopia

48.2998, 50.2055, 55.8602

Deuteranopia

51.1257, 49.9918, 47.5122



Tritanopia

59.8488, 49.8988, 48.5965

Trichromacy



Original Color

59.8488, 49.8988, 48.5965



Protanomaly

51.8470, 49.6343, 53.3021



Deuteranomaly

53.9069, 49.6418, 47.8149



Tritanomaly

59.8488, 49.8988, 48.5965

Monochromacy



Original Color

59.8488, 49.8988, 48.5965



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.4548, 50.8500, 53.5047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8488, 49.8988, 48.5965 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(247, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(247, 165, 178)  
}
```

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(247, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 165, 178) }
```

Border

The CSS property to change the border of an element to XYZ 59.8488, 49.8988, 48.5965 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(247, 165, 178) }
```


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

```
.border{ border-color:rgb(247, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(247, 165,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8488, 49.8988, 48.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 165, 178) }
```

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

```
.background{ background-color: rgb(247,  
165, 178) }
```

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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