

Converting Colors

XYZ(57.4464, 47.0166, 38.8981)

Have a look what the booklet for
XYZ(57.4464, 47.0166, 38.8981)
contains.

XYZ(57.5518, 47.0967, 38.8581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.5518, 47.0967,
38.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	F99E9F
RGB	249, 158, 159
RGB Percent	98%, 62%, 62%
CMY	0.0235, 0.3804, 0.3765
CMYK	0.00, 0.37, 0.36, 0.02
HSL	359°, 88%, 80%
HSV	359°, 37%, 98%
XYZ	57.5518, 47.0967, 38.8581
YIQ	185.3230, 53.9150, 19.6030

Conversions

Conversions Part 2

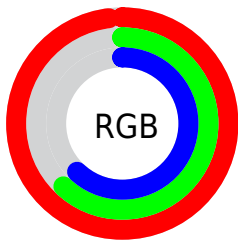
Format	Color
R _Y B	249, 158, 159
Decimal	16359071
CIE Lab	74.25, 33.99, 13.74
CIE LCh	74, 36.661, 22.016
Yxy	47.0967, 0.4010, 0.3282
Android (android.graphics.Color)	4294549151 (0xFFFF99E9F)
YUV	185.3230, -12.9772, 55.8447
Hunter-Lab	68.6270, 29.5958, 14.4677

Details

The XYZ color **57.5518, 47.0967, 38.8581** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.9217, 81.7988, 101.1786**, and the grayscale version is **46.3441, 48.7576, 53.0970**.

A 20% lighter version of the original color is **77.1718, 73.7035, 73.7771**, and **28.9936, 22.1330, 16.9313** is the 20% darker color. If you saturate the color by 10%, you get **51.7982, 38.6757, 27.4260**, and if you desaturate by 10%, it is **64.5941, 57.4134, 52.8212**.

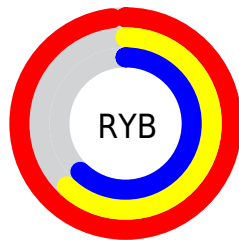
Distribution



Red (98%)

Green (62%)

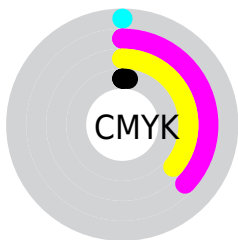
Blue (62%)



Red (98%)

Yellow (62%)

Blue (62%)

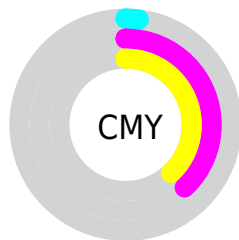


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5518, 47.0967, 38.8581 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 57.5518, 47.0967, 38.8581 by changing the saturation by 10% instead.


 57.5518, 47.0967,
38.8581


 57.5518, 47.0967,
38.8581


405.4946,
375.2004, 356.6948

 41.6903, 33.1121,
26.3424


 100.3966, 85.8579,
74.6394

 29.0489, 22.2123,
16.8519


 128.1106,
111.4034, 98.7421

 19.2623, 14.0130,
9.9681


160.5062,
141.5712, 127.5442

 11.9651, 8.1297,
5.2725

197.9486,
176.7459, 161.4643

 6.7919, 4.1781,
2.3465

240.8034,
217.3117, 200.9208

 3.3775, 1.7737,
0.7571

289.4357,

 1.3564, 0.4707,

263.6532, 246.3324

0.0000

344.2110,
316.1546, 298.1175

■ 0.2248, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5518, 47.0967,
38.8581

■ 57.5518, 47.0967,
38.8581

■ 51.7982, 38.6757,
27.4260

■ 64.5941, 57.4134,
52.8212

■ 47.2519, 32.0288,
18.3710

■ 72.9925, 69.7240,
69.4513

■ 43.8281, 27.0310,
11.5263

■ 82.8144, 84.1283,
88.8781

■ 41.4292, 23.5385,
6.7029

■ 92.8769, 98.8797,
108.7983

■ 39.9413, 21.3823,
3.6801

■ 39.2221, 20.3513,
2.1847

■ 39.0818, 20.1457,
1.9068

Harmonies

Analogous

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



58.5031, 47.0967, 56.4813



57.5518, 47.0967, 38.8581



53.0134, 47.0967, 27.6892

Triad

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



57.5518, 47.0967, 38.8581



35.5116, 47.0967, 32.0516



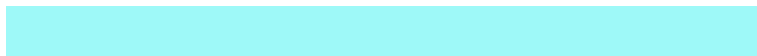
43.0290, 47.0967, 96.1998

Complementary

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



57.5518, 47.0967, 38.8581



64.9217, 81.7988, 101.1786

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.



37.4181, 47.0967, 85.4811



57.5518, 47.0967, 38.8581



33.3643, 47.0967, 46.4088

Square

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



57.5518, 47.0967, 38.8581



40.1855, 47.0967, 24.4833



34.0264, 47.0967, 66.1024



49.6777, 47.0967, 92.7561

Rectangle

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



57.5518, 47.0967, 38.8581



48.7863, 47.0967, 23.9544



34.0264, 47.0967, 66.1024



40.9691, 47.0967, 94.0567

Sweetspot

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



57.5530, 47.0990, 38.8590



82.5960, 81.7310, 84.2812



67.8554, 51.1577, 95.9206



17.3784, 17.0531, 17.4452



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.



57.5530, 47.0990, 38.8590



56.0685, 42.8593, 31.7135



66.3565, 64.8435, 41.3695



17.2523, 17.2283, 17.9186



20.9232, 10.7850, 1.0382



1.9405, 0.9999, 0.1099

Inverse Universe

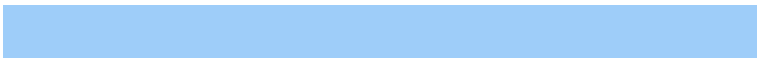
The Inverse Universe completely reimagines the original color for something new.



57.5530, 47.0990, 38.8590



56.0685, 42.8593, 31.7135



53.0369, 57.7815, 97.9802



17.2523, 17.2283, 17.9186



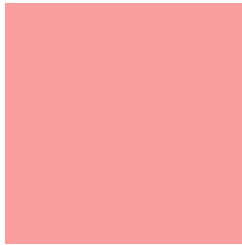
20.9232, 10.7850, 1.0382



1.9405, 0.9999, 0.1099

Previews

White Background



This preview shows how the XYZ color 57.5518, 47.0967, 38.8581 looks on a white background.

Color Contrast Check

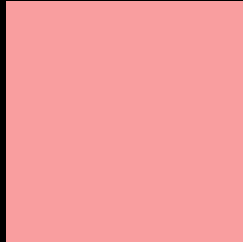
Large Text (above 18pt) WCAG AA × Fail

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 57.5518, 47.0967, 38.8581 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 57.5518, 47.0967, 38.8581

Background



This preview shows how black text looks on a background with the XYZ color 57.5518, 47.0967, 38.8581.



This preview shows how white text looks on a background with the XYZ color 57.5518, 47.0967,

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

57.5518, 47.0967, 38.8581

Protanopia

45.1606, 47.2533, 45.7703

Deuteranopia

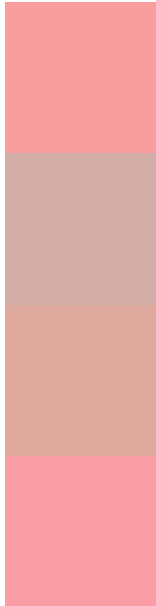
48.1044, 47.1526, 38.0185



Tritanopia

58.5492, 47.2651, 43.0830

Trichromacy



Original Color

57.5518, 47.0967, 38.8581

Protanomaly

48.7826, 46.5260, 42.9685

Deuteranomaly

51.0142, 46.6575, 38.2154

Tritanomaly

58.2728, 47.1545, 41.6277

Monochromacy



Original Color

57.5518, 47.0967, 38.8581

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.1789, 47.2044, 47.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5518, 47.0967, 38.8581 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(249, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 158, 159)  
}
```

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(249, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 158, 159) }
```

Border

The CSS property to change the border of an element to XYZ 57.5518, 47.0967, 38.8581 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(249, 158, 159) }
```


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

```
.border{ border-color:rgb(249, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 158,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5518, 47.0967, 38.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 158, 159) }
```

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

```
.background{ background-color: rgb(249,  
158, 159) }
```

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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