

Converting Colors

XYZ(60.8809, 50.6533, 38.9618)

Have a look what the booklet for
XYZ(60.8809, 50.6533, 38.9618)
contains.

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Color

**XYZ(60.8667, 50.6389,
38.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA59E
RGB	255, 165, 158
RGB Percent	100%, 65%, 62%
CMY	0.0000, 0.3529, 0.3804
CMYK	0.00, 0.35, 0.38, 0.00
HSL	4°, 100%, 81%
HSV	4°, 38%, 100%
XYZ	60.8667, 50.6389, 38.9140
YIQ	191.1120, 55.8870, 16.9030

Conversions

Conversions Part 2

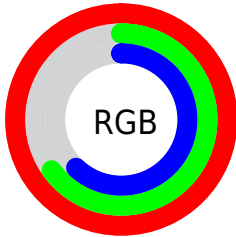
Format	Color
R_{YB}	255, 166, 158
Decimal	16754078
CIE _{Lab}	76.46, 32.44, 17.48
CIE _{LCh}	76, 36.851, 28.320
Yxy	50.6389, 0.4046, 0.3367
Android (android.graphics.Color)	4294944158 (0xFFFFA59E)
YUV	191.1120, -16.3242, 56.0298
Hunter-Lab	71.1610, 28.1460, 17.3903

Details

The XYZ color **60.8667, 50.6389, 38.9140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7165, 81.6206, 106.8985**, and the grayscale version is **49.6565, 52.2425, 56.8920**.

A 20% lighter version of the original color is **79.1067, 77.7770, 73.7939**, and **31.2130, 24.3856, 16.9717** is the 20% darker color. If you saturate the color by 10%, you get **55.0156, 42.0924, 27.2351**, and if you desaturate by 10%, it is **67.9652, 60.9511, 53.2564**.

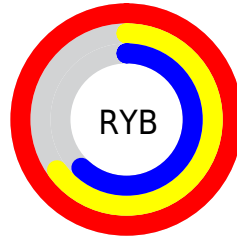
Distribution



Red (100%)

Green (65%)

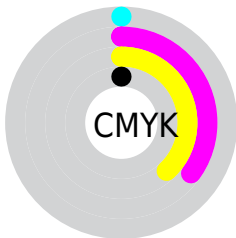
Blue (62%)



Red (100%)

Yellow (65%)

Blue (62%)

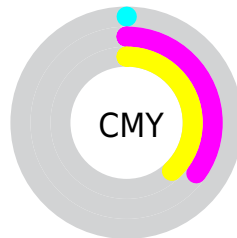


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8667, 50.6389, 38.9140 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 60.8667, 50.6389, 38.9140 by changing the saturation by 10% instead.


 60.8667, 50.6389,
38.9140


 60.8667, 50.6389,
38.9140


417.5688,
389.1592, 356.9398

 44.3697, 35.9213,
26.3855

 105.1851, 91.1208,
74.7258

 31.1604, 24.3734,
16.8839


 133.7373,
117.6539, 98.8462

 20.8735, 15.6109,
9.9907


167.0385,
148.8942, 127.6677

 13.1435, 9.2492,
5.2873

205.4542,
185.2263, 161.6088

 7.6051, 4.9041,
2.3551

249.3498,
227.0344, 201.0879

 3.8930, 2.1911,
0.7618

299.0905,

 1.6418, 0.7151,

274.7030, 246.5238

0.0000

355.0417,
328.6165, 298.3349

■ 0.4194, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8667, 50.6389,
38.9140

■ 60.8667, 50.6389,
38.9140

■ 55.0156, 42.0924,
27.2351

■ 67.9652, 60.9511,
53.2564

■ 50.3359, 35.2056,
18.0526

■ 76.3732, 73.1123,
70.4092

■ 46.7496, 29.8727,
11.1855

■ 86.1536, 87.2097,
90.5124

■ 44.1674, 25.9727,
6.4269

95.0500, 100.0000,
108.9000

■ 42.4860, 23.3667,
3.5331

■ 41.5749, 21.8860,
2.1768

■ 41.4631, 21.7062,
2.0044

Harmonies

Analogous

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



62.7478, 50.6389, 56.2656



60.8667, 50.6389, 38.9140



55.4885, 50.6389, 28.5789

Triad

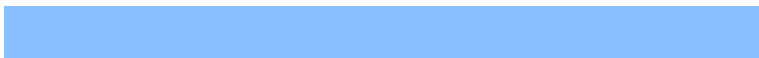
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8667, 50.6389, 38.9140



37.6394, 50.6389, 37.3953



47.7405, 50.6389, 102.8696

Complementary

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



60.8667, 50.6389, 38.9140



65.7165, 81.6206, 106.8985

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.



41.4540, 50.6389, 94.4978



60.8667, 50.6389, 38.9140



35.9807, 50.6389, 54.0239

Square

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



60.8667, 50.6389, 38.9140



42.0707, 50.6389, 27.8618



37.3082, 50.6389, 75.3389



54.7465, 50.6389, 96.1121

Rectangle

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



60.8667, 50.6389, 38.9140



50.8845, 50.6389, 25.5289



37.3082, 50.6389, 75.3389



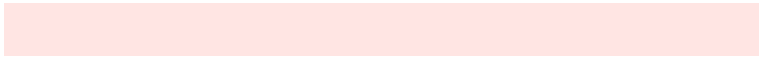
45.4782, 50.6389, 101.6991

Sweetspot

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



60.8680, 50.6414, 38.9150



83.1109, 82.8286, 84.2440



70.4932, 52.5246, 95.6643



17.4998, 17.3119, 17.4365



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.



60.8680, 50.6414, 38.9150



56.1111, 43.6971, 29.4080



71.1977, 71.3007, 42.3582



18.1147, 18.1976, 18.7021



21.7033, 11.4179, 1.0600



2.1481, 1.1816, 0.1148

Inverse Universe

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



65.7165, 81.6206, 106.8985



61.5983, 78.8311, 106.5771



52.8130, 55.8135, 102.5973



18.4360, 20.2435, 23.1857



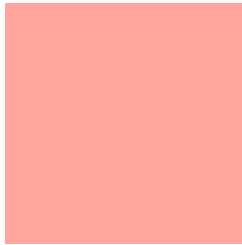
25.2402, 35.3899, 54.9352



2.4898, 3.5103, 5.3596

Previews

White Background



This preview shows how the XYZ color 60.8667, 50.6389, 38.9140 looks on a white background.

Color Contrast Check

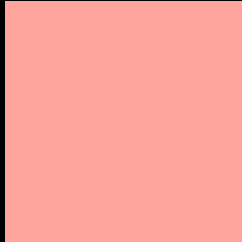
Large Text (above 18pt) WCAG AA × Fail

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 60.8667, 50.6389, 38.9140 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 60.8667, 50.6389, 38.9140

Background



This preview shows how black text looks on a background with the XYZ color 60.8667, 50.6389, 38.9140.



This preview shows how white text looks on a background with the XYZ color 60.8667, 50.6389,

38.9140.

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

60.8667, 50.6389, 38.9140

Protanopia

48.2649, 50.7390, 45.2800

Deuteranopia

51.8578, 50.8825, 38.0985



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

60.8667, 50.6389, 38.9140

Protanomaly

52.1176, 50.3011, 43.0386

Deuteranomaly

54.8048, 50.6068, 38.3320

Tritanomaly

61.6769, 50.6755, 44.0667

Monochromacy



Original Color

60.8667, 50.6389, 38.9140

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.5962, 51.0067, 49.7210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8667, 50.6389, 38.9140 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(255, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 158)  
}
```

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(255, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 60.8667, 50.6389, 38.9140 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(255, 165, 158) }
```


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

```
.border{ border-color:rgb(255, 165, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 165, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8667, 50.6389, 38.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 158) }
```

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

```
.background{ background-color: rgb(255,  
165, 158) }
```

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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