

Converting Colors

XYZ(61.5325, 57.1895, 39.2433)

Have a look what the booklet for
XYZ(61.5325, 57.1895, 39.2433)
contains.

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Color

**XYZ(61.5657, 57.1109,
39.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BA9C
RGB	246, 186, 156
RGB Percent	96%, 73%, 61%
CMY	0.0353, 0.2706, 0.3882
CMYK	0.00, 0.24, 0.37, 0.04
HSL	20°, 83%, 79%
HSV	20°, 37%, 96%
XYZ	61.5657, 57.1109, 39.2311
YIQ	200.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

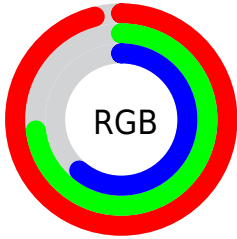
Format	Color
R _Y B	246, 201, 156
Decimal	16169628
CIE Lab	80.24, 17.78, 23.62
CIE LCh	80, 29.563, 53.026
Yxy	57.1109, 0.3899, 0.3617
Android (android.graphics.Color)	4294359708 (0xFFF6BA9C)
YUV	200.5200, -21.9484, 39.8860
Hunter-Lab	75.5718, 13.1672, 22.1214

Details

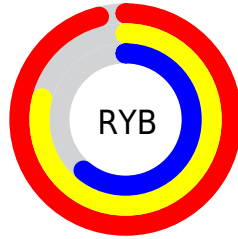
The XYZ color **61.5657, 57.1109, 39.2311** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.8999, 62.8313, 96.4230**, and the grayscale version is **55.3333, 58.2150, 63.3961**.

A 20% lighter version of the original color is **84.7500, 89.4674, 74.4301**, and **31.6764, 28.4863, 17.1935** is the 20% darker color. If you saturate the color by 10%, you get **56.4314, 49.8450, 28.2625**, and if you desaturate by 10%, it is **67.5214, 65.3440, 52.5559**.

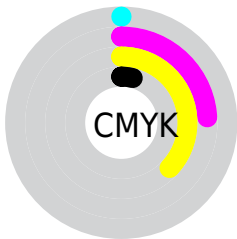
Distribution



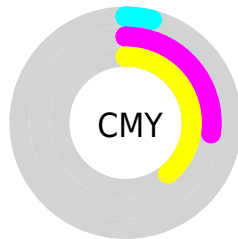
- Red (96%)
- Green (73%)
- Blue (61%)



- Red (96%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5657, 57.1109, 39.2311 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 61.5657, 57.1109, 39.2311 by changing the saturation by 10% instead.


 61.5657, 57.1109,
39.2311


 61.5657, 57.1109,
39.2311


420.0880,
413.8647, 358.3273

 44.9361, 41.0943,
26.6303


 106.1911,
100.6270, 75.2155

 31.6082, 28.3928,
17.0658


 134.9176,
128.8952, 99.4361

 21.2165, 18.6219,
10.1190


168.4072,
162.0162, 128.3672

 13.3957, 11.3974,
5.3713

207.0251,
200.3742, 162.4272

 7.7805, 6.3348,
2.4042

251.1368,
244.3536, 202.0347

 4.0054, 3.0497,
0.7887

301.1076,

 1.7052, 1.1577,

294.3390, 247.6081

0.0000

357.3029,
350.7145, 299.5662

■ 0.4595, 0.0268,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5657, 57.1109,
39.2311

■ 61.5657, 57.1109,
39.2311

■ 56.4314, 49.8450,
28.2625

■ 67.5214, 65.3440,
52.5559

■ 52.0750, 43.5011,
19.5071

■ 74.3301, 74.5709,
68.3612

■ 48.4555, 38.0426,
12.8120

■ 82.0273, 84.8273,
86.7669

■ 45.5258, 33.4265,
8.0025

■ 90.6450, 96.1446,
107.8837

■ 43.2323, 29.6059,
4.8749

■ 91.8161, 98.3329,
108.7487

■ 41.5103, 26.5276,
3.1738

■ 41.0244, 25.6296,
2.7848

Harmonies

Analogous

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



65.6787, 57.1109, 50.0685



61.5657, 57.1109, 39.2311



55.7035, 57.1109, 34.6836

Triad

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



61.5657, 57.1109, 39.2311



43.5584, 57.1109, 58.2352



58.9493, 57.1109, 98.0625

Complementary

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



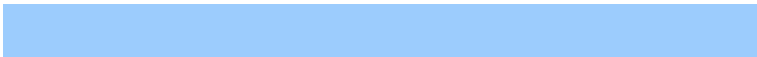
61.5657, 57.1109, 39.2311



54.8999, 62.8313, 96.4230

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.



52.8852, 57.1109, 101.3531



61.5657, 57.1109, 39.2311



44.2867, 57.1109, 76.1116

Square

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



61.5657, 57.1109, 39.2311



45.5285, 57.1109, 44.2593



47.5971, 57.1109, 92.6960



64.0917, 57.1109, 84.3930

Rectangle

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



61.5657, 57.1109, 39.2311



51.7082, 57.1109, 35.0981



47.5971, 57.1109, 92.6960



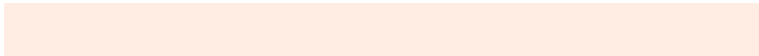
56.9402, 57.1109, 100.5115

Sweetspot

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



61.5672, 57.1136, 39.2322



85.1806, 86.9680, 84.9339



62.2896, 48.3282, 71.0114



17.9897, 18.2916, 17.5997



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.



61.5672, 57.1136, 39.2322



62.5457, 55.9630, 33.4127



72.5830, 79.1452, 42.9042



16.9505, 17.3851, 17.2598



22.0121, 13.9097, 1.5247



2.0253, 1.4038, 0.1642

Inverse Universe

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



54.8999, 62.8313, 96.4230



54.3092, 62.9741, 103.9006



44.9083, 42.8482, 93.0925



16.5041, 17.7725, 21.1032



16.0978, 17.9893, 49.1619



1.5091, 1.7695, 4.3523

Previews

White Background



This preview shows how the XYZ color 61.5657, 57.1109, 39.2311 looks on a white background.

Color Contrast Check

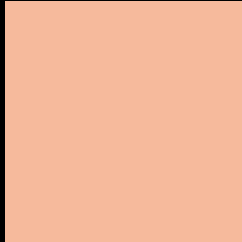
Large Text (above 18pt) WCAG AA × Fail

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 61.5657, 57.1109, 39.2311 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 61.5657, 57.1109, 39.2311

Background



This preview shows how black text looks on a background with the XYZ color 61.5657, 57.1109, 39.2311.



This preview shows how white text looks on a background with the XYZ color 61.5657, 57.1109,

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

61.5657, 57.1109, 39.2311

Protanopia

53.8090, 57.3044, 42.4072

Deuteranopia

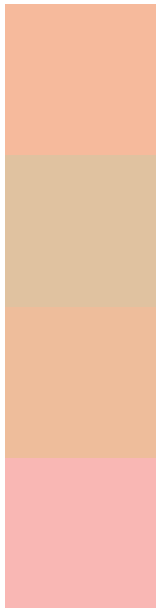
58.4789, 57.1206, 38.9536



Tritanopia

65.6858, 57.2668, 58.6305

Trichromacy



Original Color

61.5657, 57.1109, 39.2311

Protanomaly

56.3774, 56.9689, 41.2824

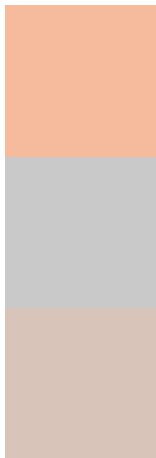
Deuteranomaly

59.3739, 56.9389, 38.8713

Tritanomaly

64.2386, 57.3020, 50.8547

Monochromacy



Original Color

61.5657, 57.1109, 39.2311

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1122, 57.7344, 54.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5657, 57.1109, 39.2311 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(246, 186, 156)` looks like.

```
.text, #text, p{  
    color:rgb(246, 186, 156)  
}
```

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(246, 186, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 186, 156) }
```

Border

The CSS property to change the border of an element to XYZ 61.5657, 57.1109, 39.2311 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(246, 186, 156) }
```


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

```
.border{ border-color:rgb(246, 186, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 186, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 186, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 186, 156);  
box-shadow:4px 4px 4px 4px rgb(246, 186,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5657, 57.1109, 39.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 186, 156) }
```

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

```
.background{ background-color: rgb(246,  
186, 156) }
```

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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