

Converting Colors

XYZ(60.3929, 54.9282, 38.9241)

Have a look what the booklet for
XYZ(60.3929, 54.9282, 38.9241)
contains.

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Color

**XYZ(60.5307, 55.0409,
38.8861)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B59C
RGB	246, 181, 156
RGB Percent	96%, 71%, 61%
CMY	0.0353, 0.2902, 0.3882
CMYK	0.00, 0.26, 0.37, 0.04
HSL	17°, 83%, 79%
HSV	17°, 37%, 96%
XYZ	60.5307, 55.0409, 38.8861
YIQ	197.5850, 46.7650, 6.0050

Conversions

Conversions Part 2

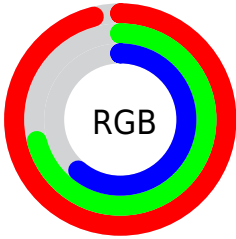
Format	Color
R _Y B	246, 191, 156
Decimal	16168348
CIE Lab	79.06, 20.42, 22.01
CIE LCh	79, 30.019, 47.147
Yxy	55.0409, 0.3919, 0.3563
Android (android.graphics.Color)	4294358428 (0xFFFF6B59C)
YUV	197.5850, -20.5014, 42.4600
Hunter-Lab	74.1896, 15.8051, 20.8561

Details

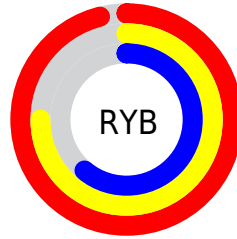
The XYZ color **60.5307, 55.0409, 38.8861** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2003, 65.4323, 96.8565**, and the grayscale version is **53.5264, 56.3140, 61.3259**.

A 20% lighter version of the original color is **83.2821, 86.5315, 73.9408**, and **31.0080, 27.1496, 16.9707** is the 20% darker color. If you saturate the color by 10%, you get **55.2701, 47.5225, 27.8754**, and if you desaturate by 10%, it is **66.6766, 63.6545, 52.2743**.

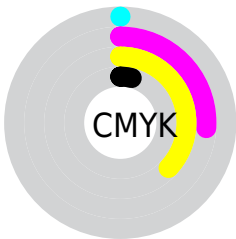
Distribution



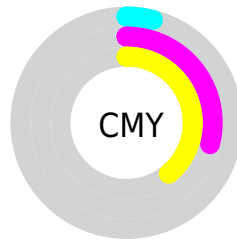
- Red (96%)
- Green (71%)
- Blue (61%)



- Red (96%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5307, 55.0409, 38.8861 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 60.5307, 55.0409, 38.8861 by changing the saturation by 10% instead.


 60.5307, 55.0409,
38.8861


 60.5307, 55.0409,
38.8861


416.3546,
406.0669, 356.8175

 44.0976, 39.4345,
26.3640


 104.7011, 97.6009,
74.6827

 30.9455, 27.0979,
16.8679


 133.1691,
125.3232, 98.7943

 20.7090, 17.6468,
9.9794


166.3796,
157.8530, 127.6061

 13.0227, 10.6967,
5.2799

204.6977,
195.5746, 161.5367

 7.5213, 5.8633,
2.3508

248.4889,
238.8723, 201.0045

 3.8394, 2.7621,
0.7595

298.1186,

 1.6117, 1.0088,

288.1307, 246.4283

0.0000

353.9520,
343.7341, 298.2264

■ 0.4000, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5307, 55.0409,
38.8861

■ 60.5307, 55.0409,
38.8861

■ 55.2701, 47.5225,
27.8754

■ 66.6766, 63.6545,
52.2743

■ 50.8478, 41.0467,
19.0980

■ 73.7435, 73.3976,
68.1656

■ 47.2182, 35.5681,
12.3995

■ 81.7700, 84.3127,
86.6810

■ 44.3297, 31.0344,
7.6038

■ 90.7914, 96.4374,
107.9324

■ 42.1234, 27.3882,
4.5052

■ 91.8161, 98.3329,
108.7487

■ 40.5287, 24.5644,
2.8466

■ 40.0943, 23.7693,
2.4747

Harmonies

Analogous

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



64.0885, 55.0409, 50.7366



60.5307, 55.0409, 38.8861



54.9143, 55.0409, 33.2176

Triad

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



60.5307, 55.0409, 38.8861



41.8866, 55.0409, 52.8996



55.7783, 55.0409, 97.2234

Complementary

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



60.5307, 55.0409, 38.8861



56.2003, 65.4323, 96.8565

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.



49.7985, 55.0409, 98.1078



60.5307, 55.0409, 38.8861



42.0791, 55.0409, 70.1722

Square

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



60.5307, 55.0409, 38.8861



44.3302, 55.0409, 40.2085



44.8780, 55.0409, 87.4569



61.2046, 55.0409, 85.2312

Rectangle

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



60.5307, 55.0409, 38.8861



50.8972, 55.0409, 32.8351



44.8780, 55.0409, 87.4569



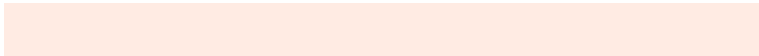
53.7584, 55.0409, 98.9006

Sweetspot

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



60.5321, 55.0435, 38.8872



84.7331, 86.0731, 84.7847



63.0797, 48.6442, 75.1722



17.8835, 18.0793, 17.5644



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.



60.5321, 55.0435, 38.8872



61.3137, 53.4989, 33.0020



70.9323, 75.8439, 42.3539



16.8739, 17.2319, 17.2343



21.5017, 12.8889, 1.3545



1.9726, 1.2985, 0.1467

Inverse Universe

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



56.2003, 65.4323, 96.8565



55.9522, 66.2600, 104.4482



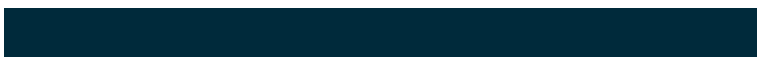
46.0675, 45.1666, 93.4789



16.5848, 17.9338, 21.1300



17.4636, 20.7211, 49.6172



1.6210, 1.9934, 4.3896

Previews

White Background



This preview shows how the XYZ color 60.5307, 55.0409, 38.8861 looks on a white background.

Color Contrast Check

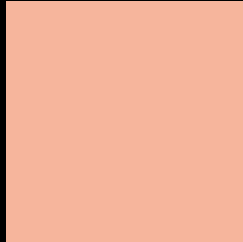
Large Text (above 18pt) WCAG AA × Fail

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 60.5307, 55.0409, 38.8861 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 60.5307, 55.0409, 38.8861

Background



This preview shows how black text looks on a background with the XYZ color 60.5307, 55.0409, 38.8861.



This preview shows how white text looks on a background with the XYZ color 60.5307, 55.0409,

38.8861.

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

60.5307, 55.0409, 38.8861

Protanopia

52.0829, 55.3896, 42.5965

Deuteranopia

56.2127, 54.9910, 38.6619



Tritanopia

63.8865, 54.9081, 55.9463

Trichromacy



Original Color

60.5307, 55.0409, 38.8861

Protanomaly

54.7948, 55.1718, 41.0189

Deuteranomaly

57.5263, 54.7266, 38.5417

Tritanomaly

62.6677, 55.0116, 49.4348

Monochromacy



Original Color

60.5307, 55.0409, 38.8861

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4212, 55.5652, 52.6039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5307, 55.0409, 38.8861 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, 181, 156)` looks like.

```
.text, #text, p{  
    color:rgb(246, 181, 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, 181, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 181, 156) }
```

Border

The CSS property to change the border of an element to XYZ 60.5307, 55.0409, 38.8861 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, 181, 156) }
```


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

```
.border{ border-color:rgb(246, 181, 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, 181, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 181, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 181, 156);  
box-shadow:4px 4px 4px 4px rgb(246, 181,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5307, 55.0409, 38.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 181, 156) }
```

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

```
.background{ background-color: rgb(246,  
181, 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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