

Converting Colors

XYZ(60.9858, 56.2324, 38.2039)

Have a look what the booklet for
XYZ(60.9858, 56.2324, 38.2039)
contains.

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Color

**XYZ(60.9793, 56.2069,
38.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B89A
RGB	246, 184, 154
RGB Percent	96%, 72%, 60%
CMY	0.0353, 0.2784, 0.3961
CMYK	0.00, 0.25, 0.37, 0.04
HSL	20°, 84%, 78%
HSV	20°, 37%, 96%
XYZ	60.9793, 56.2069, 38.2069
YIQ	199.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

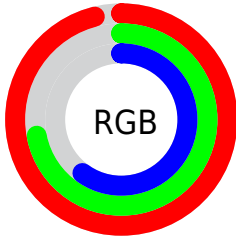
Format	Color
R _Y B	246, 199, 154
Decimal	16169114
CIE Lab	79.73, 18.60, 23.99
CIE LCh	80, 30.356, 52.205
Yxy	56.2069, 0.3924, 0.3617
Android (android.graphics.Color)	4294359194 (0xFFFF6B89A)
YUV	199.1180, -22.2432, 41.1155
Hunter-Lab	74.9713, 13.9867, 22.2645

Details

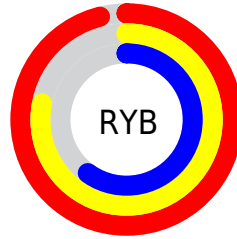
The XYZ color **60.9793, 56.2069, 38.2069** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.5160, 62.6334, 96.4051**, and the grayscale version is **54.4715, 57.3082, 62.4087**.

A 20% lighter version of the original color is **83.9087, 88.1836, 72.9203**, and **31.3035, 27.9032, 16.5680** is the 20% darker color. If you saturate the color by 10%, you get **55.8928, 48.9836, 27.4180**, and if you desaturate by 10%, it is **66.8921, 64.4106, 51.3437**.

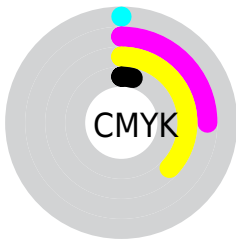
Distribution



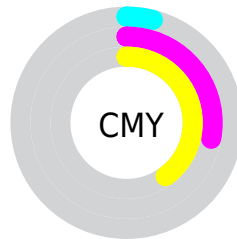
- Red (96%)
- Green (72%)
- Blue (60%)



- Red (96%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (4%)




- Cyan (4%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9793, 56.2069, 38.2069 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 60.9793, 56.2069, 38.2069 by changing the saturation by 10% instead.


 60.9793, 56.2069,
38.2069


 60.9793, 56.2069,
38.2069


417.9752,
410.4708, 353.8314

 44.4609, 40.3688,
25.8402


 105.3472, 99.3070,
73.6321

 31.2325, 27.8262,
16.4795


 133.9275,
127.3379, 97.5277

 20.9287, 18.1947,
9.7060


167.2592,
160.2018, 126.1034

 13.1840, 11.0899,
5.1015

205.7076,
198.2831, 159.7776

 7.6333, 6.1273,
2.2471

249.6380,
241.9663, 198.9690

 3.9110, 2.9227,
0.7014

299.4158,

 1.6519, 1.0915,

291.6357, 244.0961

0.0000

355.4065,
347.6757, 295.5774

0.4259, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

60.9793, 56.2069,
38.2069

60.9793, 56.2069,
38.2069

55.8928, 48.9836,
27.4180

66.8921, 64.4106,
51.3437

51.5886, 42.6945,
18.8330

73.6637, 73.6225,
66.9540

48.0248, 37.3015,
12.2972

81.3301, 83.8792,
85.1582

45.1532, 32.7605,
7.6341

89.9237, 95.2130,
106.0680

■ 42.9189, 29.0228,
4.6363

■ 91.8161, 98.3329,
108.7487

■ 41.2539, 26.0325,
3.0343

■ 40.8917, 25.3641,
2.7405

Harmonies

Analogous

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



65.0994, 56.2069, 49.3050



60.9793, 56.2069, 38.2069



55.0381, 56.2069, 33.4706

Triad

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



60.9793, 56.2069, 38.2069



42.5722, 56.2069, 56.7332



58.0038, 56.2069, 98.0880

Complementary

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



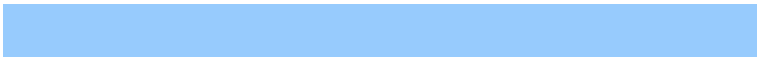
60.9793, 56.2069, 38.2069



54.5160, 62.6334, 96.4051

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.



51.8397, 56.2069, 101.1210



60.9793, 56.2069, 38.2069



43.2335, 56.2069, 74.8684

Square

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



60.9793, 56.2069, 38.2069



44.6372, 56.2069, 42.7508



46.5182, 56.2069, 91.9484



63.2920, 56.2069, 84.3136

Rectangle

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



60.9793, 56.2069, 38.2069



50.9690, 56.2069, 33.7733



46.5182, 56.2069, 91.9484



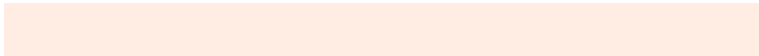
55.9545, 56.2069, 100.4918

Sweetspot

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



60.9807, 56.2096, 38.2080



85.1220, 86.8508, 84.9143



62.0691, 47.7074, 71.4922



17.9758, 18.2638, 17.5951



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.



60.9807, 56.2096, 38.2080



61.8479, 54.8724, 32.2394



71.8953, 78.0387, 41.8462



16.9405, 17.3651, 17.2565



21.9395, 13.7647, 1.5005



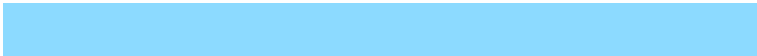
2.0180, 1.3892, 0.1618

Inverse Universe

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



54.5160, 62.6334, 96.4051



53.8687, 62.7399, 103.8786



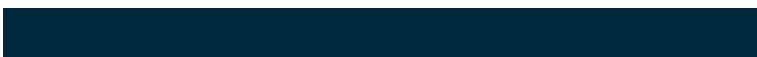
44.4993, 42.6000, 93.0661



16.5146, 17.7935, 21.1066



16.2681, 18.3301, 49.2187



1.5231, 1.7977, 4.3569

Previews

White Background



This preview shows how the XYZ color 60.9793, 56.2069, 38.2069 looks on a white background.

Color Contrast Check

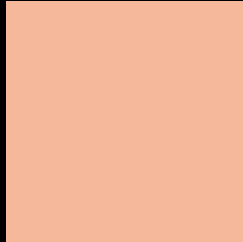
Large Text (above 18pt) WCAG AA × Fail

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 60.9793, 56.2069, 38.2069 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 60.9793, 56.2069, 38.2069

Background



This preview shows how black text looks on a background with the XYZ color 60.9793, 56.2069, 38.2069.



This preview shows how white text looks on a background with the XYZ color 60.9793, 56.2069,

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

60.9793, 56.2069, 38.2069

Protanopia

53.1176, 56.6279, 41.3884

Deuteranopia

57.4419, 56.2826, 37.9731



Tritanopia

65.0589, 56.3700, 57.3207

Trichromacy



Original Color

60.9793, 56.2069, 38.2069

Protanomaly

55.6729, 56.2965, 40.2798

Deuteranomaly

58.6580, 56.2709, 37.9067

Tritanomaly

63.6267, 56.4018, 49.6526

Monochromacy



Original Color

60.9793, 56.2069, 38.2069

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1579, 56.6014, 52.7651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9793, 56.2069, 38.2069 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, 184, 154)` looks like.

```
.text, #text, p{  
    color:rgb(246, 184, 154)  
}
```

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, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 184, 154) }
```

Border

The CSS property to change the border of an element to XYZ 60.9793, 56.2069, 38.2069 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, 184, 154) }
```


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

```
.border{ border-color:rgb(246, 184, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(246, 184,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9793, 56.2069, 38.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 184, 154) }
```

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

```
.background{ background-color: rgb(246,  
184, 154) }
```

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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