

Converting Colors

XYZ(61.2267, 55.0764, 38.8273)

Have a look what the booklet for
XYZ(61.2267, 55.0764, 38.8273)
contains.

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Color

**XYZ(61.3889, 55.1826,
38.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B49C
RGB	249, 180, 156
RGB Percent	98%, 71%, 61%
CMY	0.0235, 0.2941, 0.3882
CMYK	0.00, 0.28, 0.37, 0.02
HSL	15°, 89%, 79%
HSV	15°, 37%, 98%
XYZ	61.3889, 55.1826, 38.8682
YIQ	197.8950, 48.8280, 7.1640

Conversions

Conversions Part 2

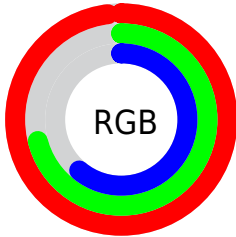
Format	Color
R _Y B	249, 188, 156
Decimal	16364700
CIE Lab	79.15, 22.09, 22.17
CIE LCh	79, 31.296, 45.105
Yxy	55.1826, 0.3949, 0.3550
Android (android.graphics.Color)	4294554780 (0xFFFF9B49C)
YUV	197.8950, -20.6542, 44.8191
Hunter-Lab	74.2850, 17.5131, 20.9771

Details

The XYZ color **61.3889, 55.1826, 38.8682** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7332, 67.7551, 99.6576**, and the grayscale version is **53.7147, 56.5121, 61.5416**.

A 20% lighter version of the original color is **82.9933, 85.9541, 73.8446**, and **31.6250, 27.2750, 16.9624** is the 20% darker color. If you saturate the color by 10%, you get **56.0089, 47.4579, 27.7171**, and if you desaturate by 10%, it is **67.7010, 64.0795, 52.4634**.

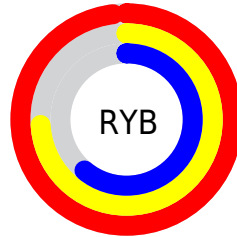
Distribution



Red (98%)

Green (71%)

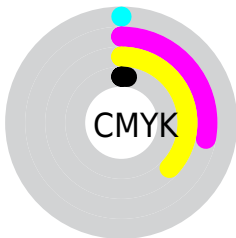
Blue (61%)



Red (98%)

Yellow (74%)

Blue (61%)

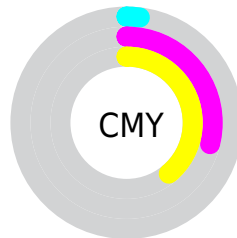


Cyan (0%)

Magenta (28%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3889, 55.1826, 38.8682 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 61.3889, 55.1826, 38.8682 by changing the saturation by 10% instead.


 61.3889, 55.1826,
38.8682

 61.3889, 55.1826,
38.8682


419.4517,
406.6037, 356.7390

 44.7928, 39.5479,
26.3502


 105.9368, 97.8084,
74.6551

 31.4949, 27.1863,
16.8577


 134.6193,
125.5684, 98.7610

 21.1296, 17.7132,
9.9722


168.0613,
158.1389, 127.5666

 13.3318, 10.7442,
5.2752

206.6282,
195.9044, 161.4904

 7.7360, 5.8951,
2.3480

250.6853,
239.2492, 200.9510

 3.9769, 2.7814,
0.7579

300.5980,

 1.6891, 1.0187,

288.5578, 246.3670

0.0000

356.7317,
344.2145, 298.1568

■ 0.4494, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3889, 55.1826,
38.8682

■ 61.3889, 55.1826,
38.8682

■ 56.0089, 47.4579,
27.7171

■ 67.7010, 64.0795,
52.4634

■ 51.5105, 40.8478,
18.8602

■ 74.9838, 74.1872,
68.6336

■ 47.8450, 35.3016,
12.1362

■ 83.2786, 85.5525,
87.5043

■ 44.9565, 30.7612,
7.3611

■ 92.5261, 98.1781,
108.6814

■ 42.7814, 27.1623,
4.3193

■ 92.8769, 98.8797,
108.7983

■ 41.2417, 24.4314,
2.7316

■ 40.9157, 23.8374,
2.4446

Harmonies

Analogous

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



64.9168, 55.1826, 51.5618



61.3889, 55.1826, 38.8682



55.5969, 55.1826, 32.6026

Triad

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



61.3889, 55.1826, 38.8682



41.6804, 55.1826, 51.6713



55.6409, 55.1826, 99.7743

Complementary

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



61.3889, 55.1826, 38.8682



57.7332, 67.7551, 99.6576

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.



49.4230, 55.1826, 99.8199



61.3889, 55.1826, 38.8682



41.6901, 55.1826, 69.4981

Square

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



61.3889, 55.1826, 38.8682



44.3951, 55.1826, 38.9346



44.4228, 55.1826, 87.8850



61.4233, 55.1826, 87.7706

Rectangle

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



61.3889, 55.1826, 38.8682



51.3883, 55.1826, 31.9293



44.4228, 55.1826, 87.8850



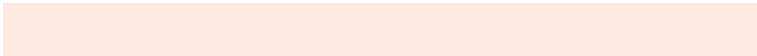
53.5250, 55.1826, 101.2563

Sweetspot

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



61.3903, 55.1852, 38.8693



84.5753, 85.7574, 84.7321



64.6488, 49.3944, 77.8986



17.8461, 18.0045, 17.5519



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.



61.3903, 55.1852, 38.8693



60.3424, 51.8615, 31.7376



72.1962, 76.7970, 42.4713



17.6088, 17.9534, 17.9997



21.9981, 12.9528, 1.3407



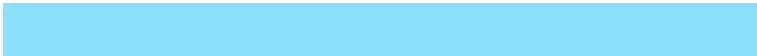
2.1191, 1.3631, 0.1514

Inverse Universe

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



57.7332, 67.7551, 99.6576



55.9355, 66.8734, 104.5675



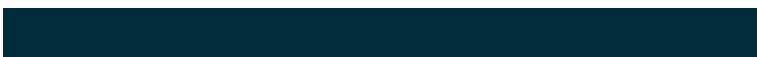
46.9799, 46.2485, 96.0731



17.3644, 18.8056, 22.0999



18.5296, 22.4149, 51.3234



1.8015, 2.2467, 4.7819

Previews

White Background



This preview shows how the XYZ color 61.3889, 55.1826, 38.8682 looks on a white background.

Color Contrast Check

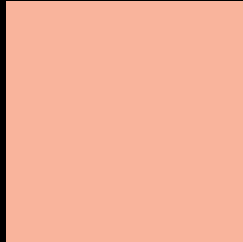
Large Text (above 18pt) WCAG AA × Fail

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 61.3889, 55.1826, 38.8682 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 61.3889, 55.1826, 38.8682

Background



This preview shows how black text looks on a background with the XYZ color 61.3889, 55.1826, 38.8682.



This preview shows how white text looks on a background with the XYZ color 61.3889, 55.1826,

38.8682.

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

61.3889, 55.1826, 38.8682

Protanopia

52.1729, 55.4256, 43.0704

Deuteranopia

56.6635, 55.5513, 38.3078



Tritanopia

64.6602, 55.0295, 55.3579

Trichromacy



Original Color

61.3889, 55.1826, 38.8682

Protanomaly

54.9707, 54.9297, 41.4234

Deuteranomaly

58.4004, 55.4889, 38.6427

Tritanomaly

63.4416, 55.1278, 48.8920

Monochromacy



Original Color

61.3889, 55.1826, 38.8682

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7933, 55.4322, 52.5586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3889, 55.1826, 38.8682 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, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 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(249, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 156) }
```

Border

The CSS property to change the border of an element to XYZ 61.3889, 55.1826, 38.8682 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, 180, 156) }
```


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

```
.border{ border-color:rgb(249, 180, 156) }
```

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

Here you see how a box with a 4 pixel rgb(249, 180, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(249, 180,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3889, 55.1826, 38.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 180, 156) }
```

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

```
.background{ background-color: rgb(249,  
180, 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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