

Converting Colors

XYZ(61.7305, 55.4701, 38.4642)

Have a look what the booklet for
XYZ(61.7305, 55.4701, 38.4642)
contains.

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Color

**XYZ(61.6620, 55.3331,
38.4408)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB49B
RGB	250, 180, 155
RGB Percent	98%, 71%, 61%
CMY	0.0196, 0.2941, 0.3922
CMYK	0.00, 0.28, 0.38, 0.02
HSL	16°, 90%, 79%
HSV	16°, 38%, 98%
XYZ	61.6620, 55.3331, 38.4408
YIQ	198.0800, 49.7450, 7.0650

Conversions

Conversions Part 2

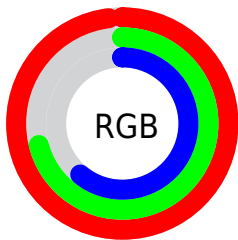
Format	Color
R _Y B	250, 189, 155
Decimal	16430235
CIE Lab	79.23, 22.36, 22.84
CIE LCh	79, 31.961, 45.614
Yxy	55.3331, 0.3967, 0.3560
Android (android.graphics.Color)	4294620315 (0xFF FAB49B)
YUV	198.0800, -21.2384, 45.5338
Hunter-Lab	74.3862, 17.7906, 21.4309

Details

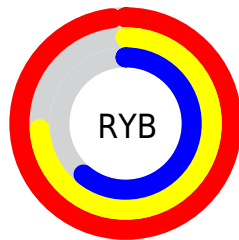
The XYZ color **61.6620, 55.3331, 38.4408** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6970, 67.7185, 100.4724**, and the grayscale version is **53.8303, 56.6337, 61.6741**.

A 20% lighter version of the original color is **82.8683, 85.9040, 73.1863**, and **31.8263, 27.3847, 16.7050** is the 20% darker color. If you saturate the color by 10%, you get **56.3014, 47.6311, 27.3460**, and if you desaturate by 10%, it is **67.9543, 64.2026, 51.9916**.

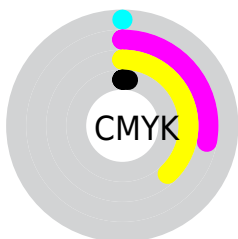
Distribution



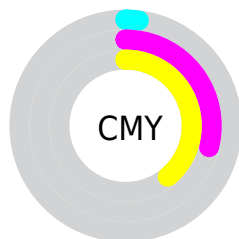
- Red (98%)
- Green (71%)
- Blue (61%)



- Red (98%)
- Yellow (74%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6620, 55.3331, 38.4408 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 61.6620, 55.3331, 38.4408 by changing the saturation by 10% instead.


 61.6620, 55.3331,
38.4408

 61.6620, 55.3331,
38.4408


420.4343,
407.1734, 354.8618

 45.0142, 39.6685,
26.0205


 106.3296, 98.0288,
73.9942

 31.6699, 27.2802,
16.6131


 135.0801,
125.8287, 97.9643

 21.2638, 17.7837,
9.8000


168.5955,
158.4425, 126.6215

 13.4306, 10.7948,
5.1627

207.2412,
196.2545, 160.3843

 7.8047, 5.9290,
2.2826

251.3826,
239.6493, 199.6711

 4.0210, 2.8020,
0.7215

301.3851,

 1.7140, 1.0292,

289.0110, 244.9007

0.0000

357.6138,
344.7243, 296.4914

■ 0.4650, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6620, 55.3331,
38.4408

■ 61.6620, 55.3331,
38.4408

■ 56.3014, 47.6311,
27.3460

■ 67.9543, 64.2026,
51.9916

■ 51.8218, 41.0391,
18.5551

■ 75.2171, 74.2781,
68.1313

■ 48.1741, 35.5066,
11.9041

■ 83.4918, 85.6060,
86.9872

■ 45.3018, 30.9757,
7.2059

■ 92.8162, 98.2279,
108.6757

■ 43.1409, 27.3822,
4.2399

■ 93.2343, 99.0640,
108.8150

■ 41.6100, 24.6516,
2.7088

■ 41.3611, 24.1975,
2.4906

Harmonies

Analogous

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



65.3332, 55.3331, 51.2663



61.6620, 55.3331, 38.4408



55.7041, 55.3331, 32.1908

Triad

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



61.6620, 55.3331, 38.4408



41.5678, 55.3331, 51.9230



55.9687, 55.3331, 100.8818

Complementary

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



61.6620, 55.3331, 38.4408



57.6970, 67.7185, 100.4724

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.



49.5989, 55.3331, 101.1572



61.6620, 55.3331, 38.4408



41.6261, 55.3331, 70.2226

Square

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



61.6620, 55.3331, 38.4408



44.2927, 55.3331, 38.8372



44.4589, 55.3331, 89.0510



61.8692, 55.3331, 88.3611

Rectangle

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



61.6620, 55.3331, 38.4408



51.3998, 55.3331, 31.5794



44.4589, 55.3331, 89.0510



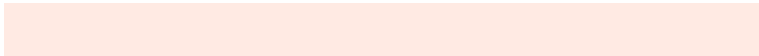
53.8034, 55.3331, 102.4830

Sweetspot

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



61.6634, 55.3358, 38.4419



84.6160, 85.8388, 84.7457



64.9078, 49.2719, 78.2212



17.8558, 18.0238, 17.5551



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.



61.6634, 55.3358, 38.4419



59.9148, 51.3044, 30.6759



72.6053, 77.2195, 42.0892



17.6161, 17.9680, 18.0021



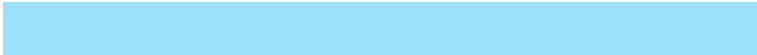
22.0384, 13.0335, 1.3542



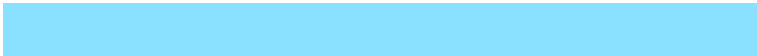
2.1237, 1.3723, 0.1529

Inverse Universe

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



57.6970, 67.7185, 100.4724



55.1709, 65.9762, 104.4346



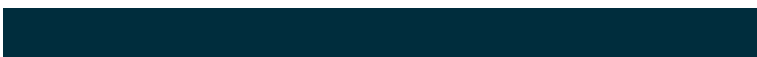
46.8434, 46.0114, 96.8546



17.3566, 18.7900, 22.0973



18.3899, 22.1354, 51.2769



1.7896, 2.2228, 4.7779

Previews

White Background



This preview shows how the XYZ color 61.6620, 55.3331, 38.4408 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 61.6620, 55.3331, 38.4408 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 61.6620, 55.3331, 38.4408

Background



This preview shows how black text looks on a background with the XYZ color 61.6620, 55.3331, 38.4408.



This preview shows how white text looks on a background with the XYZ color 61.6620, 55.3331,

38.4408.

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

61.6620, 55.3331, 38.4408

Protanopia

52.3632, 55.5341, 42.6096

Deuteranopia

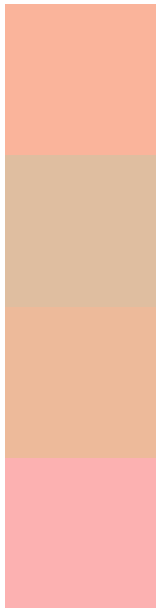
56.5805, 55.5181, 37.8709



Tritanopia

65.0233, 55.2167, 55.3749

Trichromacy



Original Color

61.6620, 55.3331, 38.4408

Protanomaly

55.1900, 55.0530, 40.9752

Deuteranomaly

58.3167, 55.4554, 38.2022

Tritanomaly

63.8028, 55.3141, 48.9089

Monochromacy



Original Color

61.6620, 55.3331, 38.4408

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6896, 55.3907, 52.0123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6620, 55.3331, 38.4408 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(250, 180, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 155)  
}
```

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(250, 180, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 155) }
```

Border

The CSS property to change the border of an element to XYZ 61.6620, 55.3331, 38.4408 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(250, 180, 155) }
```


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

```
.border{ border-color:rgb(250, 180, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6620, 55.3331, 38.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 155) }
```

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

```
.background{ background-color: rgb(250,  
180, 155) }
```

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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