

Converting Colors

XYZ(61.5573, 58.1642, 37.9705)

Have a look what the booklet for
XYZ(61.5573, 58.1642, 37.9705)
contains.

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Color

**XYZ(61.6036, 58.1076,
38.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BD99
RGB	245, 189, 153
RGB Percent	96%, 74%, 60%
CMY	0.0392, 0.2588, 0.4000
CMYK	0.00, 0.23, 0.38, 0.04
HSL	23°, 82%, 78%
HSV	23°, 38%, 96%
XYZ	61.6036, 58.1076, 38.1060
YIQ	201.6400, 44.9320, 0.6760

Conversions

Conversions Part 2

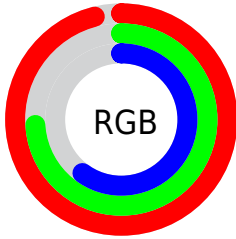
Format	Color
R _Y B	245, 212, 153
Decimal	16104857
CIE Lab	80.80, 15.47, 25.95
CIE LCh	81, 30.213, 59.200
Yxy	58.1076, 0.3903, 0.3682
Android (android.graphics.Color)	4294294937 (0xFFF5BD99)
YUV	201.6400, -23.9795, 38.0267
Hunter-Lab	76.2283, 10.8544, 23.7212

Details

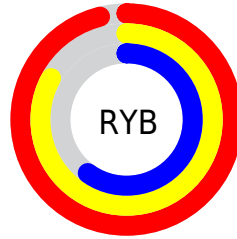
The XYZ color **61.6036, 58.1076, 38.1060** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.4180, 58.9637, 95.0047**, and the grayscale version is **56.0410, 58.9595, 64.2069**.

A 20% lighter version of the original color is **85.2776, 91.1189, 72.7676**, and **31.6959, 29.1324, 16.5229** is the 20% darker color. If you saturate the color by 10%, you get **56.7400, 51.2929, 27.5056**, and if you desaturate by 10%, it is **67.2155, 65.7536, 51.0067**.

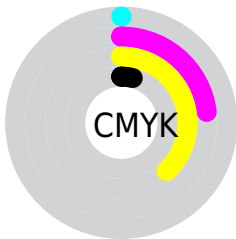
Distribution



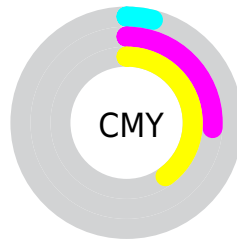
- Red (96%)
- Green (74%)
- Blue (60%)



- Red (96%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6036, 58.1076, 38.1060 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 61.6036, 58.1076, 38.1060 by changing the saturation by 10% instead.


 61.6036, 58.1076,
38.1060


 61.6036, 58.1076,
38.1060


420.2243,
417.5868, 353.3863

 44.9669, 41.8952,
25.7625


 106.2456,
102.0795, 73.4758

 31.6325, 29.0192,
16.4219


 134.9816,
130.6078, 97.3392

 21.2351, 19.0954,
9.6656


168.4813,
164.0102, 125.8796

 13.4094, 11.7392,
5.0751

207.1102,
202.6710, 159.5156

 7.7900, 6.5663,
2.2319

251.2336,
246.9746, 198.6657

 4.0115, 3.1924,
0.6927

301.2168,

 1.7087, 1.2330,

297.3056, 243.7485

0.0000

357.4253,
354.0481, 295.1825

■ 0.4617, 0.0884,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6036, 58.1076,
38.1060

■ 61.6036, 58.1076,
38.1060

■ 56.7400, 51.2929,
27.5056

■ 67.2155, 65.7536,
51.0067

■ 52.5846, 45.2713,
19.0638

■ 73.6042, 74.2510,
66.3306

■ 49.1003, 40.0132,
12.6287

■ 80.8019, 83.6295,
84.1963

■ 46.2436, 35.4838,
8.0264

■ 88.8376, 93.9146,
104.7132

■ 43.9650, 31.6448,
5.0530

■ 91.4662, 98.1525,
108.7323

■ 42.2019, 28.4513,
3.4397

■ 41.8285, 27.7570,
3.1530

Harmonies

Analogous

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



66.3788, 58.1076, 47.9427



61.6036, 58.1076, 38.1060



55.3972, 58.1076, 34.7554

Triad

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



61.6036, 58.1076, 38.1060



44.0804, 58.1076, 62.7908



61.2921, 58.1076, 98.2536

Complementary

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



61.6036, 58.1076, 38.1060



52.4180, 58.9637, 95.0047

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.



55.0622, 58.1076, 104.2217



61.6036, 58.1076, 38.1060



45.4043, 58.1076, 81.5569

Square

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



61.6036, 58.1076, 38.1060



45.5515, 58.1076, 47.2554



49.3110, 58.1076, 97.6117



66.1896, 58.1076, 82.5450

Rectangle

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



61.6036, 58.1076, 38.1060



51.3770, 58.1076, 36.0509



49.3110, 58.1076, 97.6117



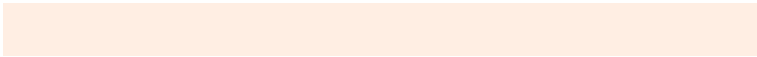
59.2700, 58.1076, 101.5831

Sweetspot

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



61.6051, 58.1104, 38.1072



85.6517, 87.9103, 85.0909



60.6475, 46.8354, 66.6428



18.1016, 18.5153, 17.6370



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.



61.6051, 58.1104, 38.1072



63.3743, 57.9252, 32.7482



72.9050, 80.7102, 41.8738



17.0311, 17.5462, 17.2867



22.6590, 15.2036, 1.7403



2.0884, 1.5301, 0.1853

Inverse Universe

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



52.4180, 58.9637, 95.0047



51.9765, 58.9555, 103.2478



42.8467, 39.8211, 91.8143



16.4206, 17.6055, 21.0753



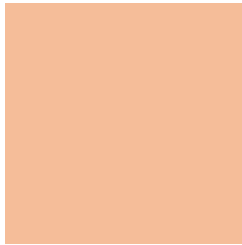
14.8173, 15.4284, 48.7351



1.4021, 1.5556, 4.3166

Previews

White Background



This preview shows how the XYZ color 61.6036, 58.1076, 38.1060 looks on a white background.

Color Contrast Check

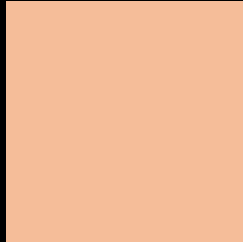
Large Text (above 18pt) WCAG AA × Fail

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 61.6036, 58.1076, 38.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

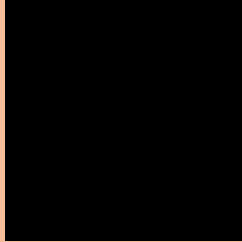
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6036, 58.1076, 38.1060

Background



This preview shows how black text looks on a background with the XYZ color 61.6036, 58.1076, 38.1060.

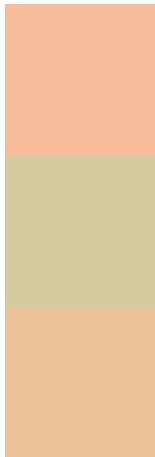


This preview shows how white text looks on a background with the XYZ color 61.6036, 58.1076,

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

61.6036, 58.1076, 38.1060

Protanopia

54.7898, 58.5381, 40.7590

Deuteranopia

59.3295, 58.2398, 37.8202



Tritanopia

66.0785, 58.0379, 60.5431

Trichromacy



Original Color

61.6036, 58.1076, 38.1060

Protanomaly

57.0183, 58.3404, 39.7081

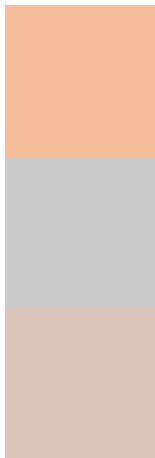
Deuteranomaly

60.1137, 58.3170, 37.7937

Tritanomaly

64.4009, 57.9906, 51.5151

Monochromacy



Original Color

61.6036, 58.1076, 38.1060

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5314, 58.2986, 53.5679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6036, 58.1076, 38.1060 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(245, 189, 153)` looks like.

```
.text, #text, p{  
    color:rgb(245, 189, 153)  
}
```

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(245, 189, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 153) }
```

Border

The CSS property to change the border of an element to XYZ 61.6036, 58.1076, 38.1060 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(245, 189, 153) }
```


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

```
.border{ border-color:rgb(245, 189, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 189, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 189, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 189, 153);  
box-shadow:4px 4px 4px 4px rgb(245, 189,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6036, 58.1076, 38.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 153) }
```

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

```
.background{ background-color: rgb(245,  
189, 153) }
```

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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