

Converting Colors

XYZ(70.8019, 68.0880, 57.6769)

Have a look what the booklet for
XYZ(70.8019, 68.0880, 57.6769)
contains.

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Color

**XYZ(70.6810, 68.1407,
57.5713)**

Conversions

Conversions Part 1

Format	Color
Hex	FACEBD
RGB	250, 206, 189
RGB Percent	98%, 81%, 74%
CMY	0.0196, 0.1921, 0.2588
CMYK	0.00, 0.18, 0.24, 0.02
HSL	17°, 86%, 86%
HSV	17°, 24%, 98%
XYZ	70.6810, 68.1407, 57.5713
YIQ	217.2180, 31.6810, 4.0410

Conversions

Conversions Part 2

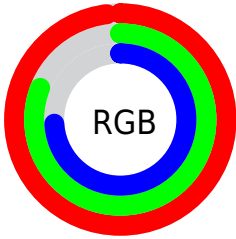
Format	Color
R _Y B	250, 213, 189
Decimal	16436925
CIE Lab	86.08, 13.01, 14.27
CIE LCh	86, 19.308, 47.649
Yxy	68.1407, 0.3599, 0.3470
Android (android.graphics.Color)	4294627005 (0xFFFACEBD)
YUV	217.2180, -13.9115, 28.7498
Hunter-Lab	82.5474, 8.3823, 16.4323

Details

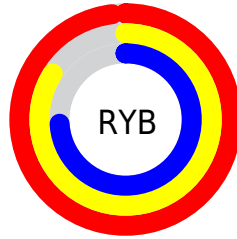
The XYZ color **70.6810, 68.1407, 57.5713** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3799, 75.9969, 101.5606**, and the grayscale version is **66.1815, 69.6281, 75.8250**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **37.6645, 35.5715, 28.1734** is the 20% darker color. If you saturate the color by 10%, you get **64.1035, 58.9603, 43.1245**, and if you desaturate by 10%, it is **78.2280, 78.5104, 74.6504**.

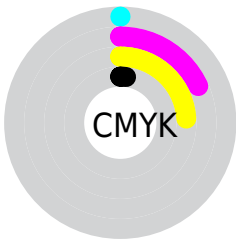
Distribution



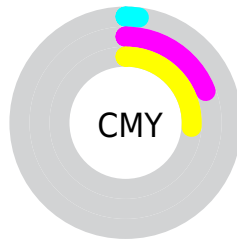
- Red (98%)
- Green (81%)
- Blue (74%)



- Red (98%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6810, 68.1407, 57.5713 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 70.6810, 68.1407, 57.5713 by changing the saturation by 10% instead.


 70.6810, 68.1407,
57.5713

 70.6810, 68.1407,
57.5713


452.1667,
453.9944, 433.1402

 52.3635, 50.0122,
41.0517


 119.2004,
116.5534, 102.8069

 37.5203, 35.4231,
28.0395


150.1330,
147.6064, 132.3600

 25.7861, 23.9890,
18.1161

186.0013,
183.7364, 167.0946

 16.7956, 15.3254,
10.8631

227.1708,
225.3277, 207.4294

 10.1832, 9.0481,
5.8618

274.0067,
272.7647, 253.7827

 5.5838, 4.7726,
2.6938

326.8744,

 2.6319, 2.1144,

326.4319, 306.5733

0.9403

386.1393,
386.7137, 366.2196

0.9623, 0.6727,
0.0000

0.0000, 0.0000,
0.0000

70.6810, 68.1407,
57.5713

70.6810, 68.1407,
57.5713

64.1035, 58.9603,
43.1245

78.2280, 78.5104,
74.6504

58.4492, 50.9168,
31.1740

86.7772, 90.1009,
94.4803

53.6761, 43.9674,
21.5775

93.2346, 99.0641,
108.8150

49.7367, 38.0631,
14.1770

■ 46.5783, 33.1509,
8.7945

■ 44.1417, 29.1724,
5.2239

■ 42.3571, 26.0624,
3.2136

■ 41.5955, 24.6659,
2.5687

Harmonies

Analogous

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



73.2350, 68.1407, 67.0339



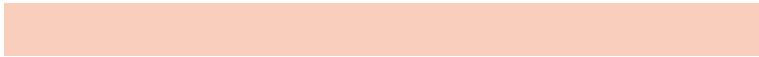
70.6810, 68.1407, 57.5713



66.6066, 68.1407, 52.8054

Triad

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



70.6810, 68.1407, 57.5713



56.7888, 68.1407, 69.0921



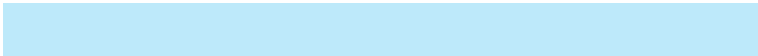
67.3852, 68.1407, 99.9800

Complementary

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



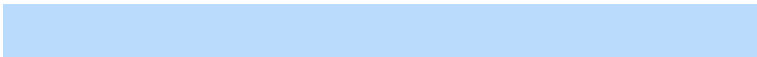
70.6810, 68.1407, 57.5713



67.3799, 75.9969, 101.5606

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.



62.9590, 68.1407, 100.6944



70.6810, 68.1407, 57.5713



56.9759, 68.1407, 81.8458

Square

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



70.6810, 68.1407, 57.5713



58.6667, 68.1407, 58.9295



59.1900, 68.1407, 93.7421



71.2733, 68.1407, 91.8892

Rectangle

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



70.6810, 68.1407, 57.5713



63.6375, 68.1407, 52.5286



59.1900, 68.1407, 93.7421



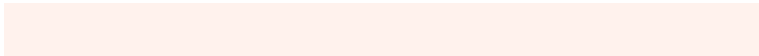
65.9072, 68.1407, 101.1214

Sweetspot

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



70.6828, 68.1438, 57.5727



88.3376, 90.9625, 93.1373



72.4356, 62.6452, 85.9158



18.7893, 19.3094, 19.6590



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

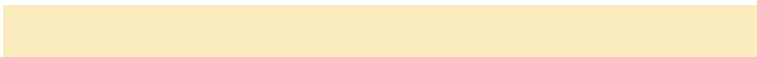
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6828, 68.1438, 57.5727



70.6276, 66.6821, 52.8914



78.5386, 83.8554, 60.1913



17.6385, 18.0128, 18.0096



22.1670, 13.2907, 1.3970



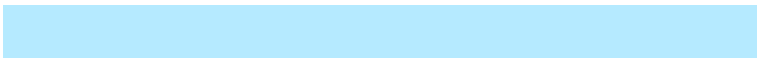
2.1382, 1.4012, 0.1578

Inverse Universe

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



67.3799, 75.9969, 101.5606



66.6504, 76.1151, 105.7866



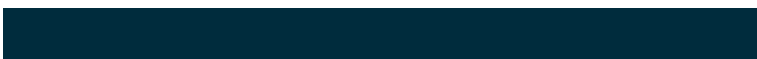
59.6535, 60.5440, 98.9851



17.3329, 18.7425, 22.0894



17.9706, 21.2968, 51.1371



1.7536, 2.1509, 4.7659

Previews

White Background



This preview shows how the XYZ color 70.6810, 68.1407, 57.5713 looks on a white background.

Color Contrast Check

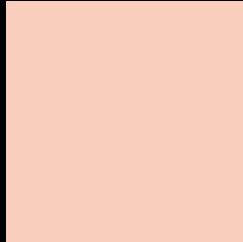
Large Text (above 18pt) WCAG AA × Fail

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 70.6810, 68.1407, 57.5713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

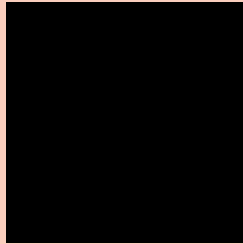
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6810, 68.1407, 57.5713

Background



This preview shows how black text looks on a background with the XYZ color 70.6810, 68.1407, 57.5713.



This preview shows how white text looks on a background with the XYZ color 70.6810, 68.1407,

57.5713.

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

70.6810, 68.1407, 57.5713

Protanopia

65.0894, 68.5035, 60.8309

Deuteranopia

69.7472, 68.3787, 57.6664



Tritanopia

74.1529, 68.1335, 74.8884

Trichromacy



Original Color

70.6810, 68.1407, 57.5713

Protanomaly

66.9896, 68.3852, 59.5381

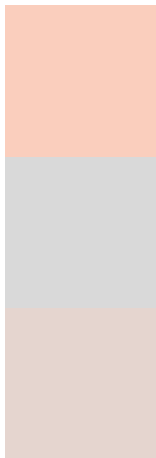
Deuteranomaly

69.8559, 68.0739, 57.6019

Tritanomaly

72.7633, 67.9123, 68.3048

Monochromacy



Original Color

70.6810, 68.1407, 57.5713

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.3698, 68.7515, 68.7511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6810, 68.1407, 57.5713 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, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 206, 189)  
}
```

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, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 70.6810, 68.1407, 57.5713 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, 206, 189) }
```


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

```
.border{ border-color:rgb(250, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 206,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6810, 68.1407, 57.5713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 206, 189) }
```

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

```
.background{ background-color: rgb(250,  
206, 189) }
```

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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