

Converting Colors

XYZ(66.9915, 63.7022, 56.3772)

Have a look what the booklet for
XYZ(66.9915, 63.7022, 56.3772)
contains.

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Color

**XYZ(67.1567, 63.8902,
56.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C7BC
RGB	245, 199, 188
RGB Percent	96%, 78%, 74%
CMY	0.0392, 0.2196, 0.2627
CMYK	0.00, 0.19, 0.23, 0.04
HSL	12°, 74%, 85%
HSV	12°, 23%, 96%
XYZ	67.1567, 63.8902, 56.3694
YIQ	211.5000, 30.9470, 6.3310

Conversions

Conversions Part 2

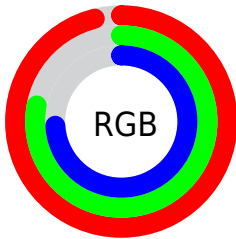
Format	Color
R _Y B	245, 202, 188
Decimal	16107452
CIE Lab	83.91, 14.69, 11.66
CIE LCh	84, 18.761, 38.441
Yxy	63.8902, 0.3583, 0.3409
Android (android.graphics.Color)	4294297532 (0xFFF5C7BC)
YUV	211.5000, -11.5855, 29.3795
Hunter-Lab	79.9313, 10.0922, 14.1393

Details

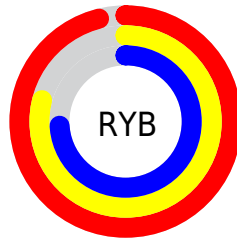
The XYZ color **67.1567, 63.8902, 56.3694** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6425, 76.1273, 97.5681**, and the grayscale version is **62.3090, 65.5539, 71.3882**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **35.2376, 32.6914, 27.3745** is the 20% darker color. If you saturate the color by 10%, you get **60.4797, 54.4099, 42.2009**, and if you desaturate by 10%, it is **74.8765, 74.7376, 73.0989**.

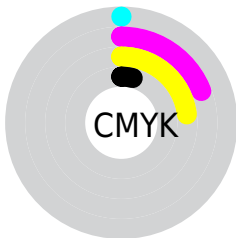
Distribution



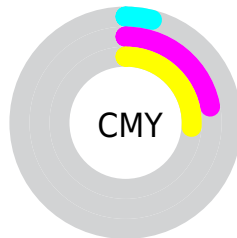
- Red (96%)
- Green (78%)
- Blue (74%)



- Red (96%)
- Yellow (79%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1567, 63.8902, 56.3694 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 67.1567, 63.8902, 56.3694 by changing the saturation by 10% instead.


 67.1567, 63.8902,
56.3694

 67.1567, 63.8902,
56.3694

439.9261,
438.7930, 428.5095

 49.4831, 46.5617,
40.0932


 114.1935,
110.4528, 101.0357

 35.2190, 32.6893,
27.2969

144.2874,
140.4557, 130.2628

 23.9989, 21.8886,
17.5619


179.2522,
175.4523, 164.6439

 15.4576, 13.7750,
10.4697

219.4531,
215.8268, 204.5977

 9.2295, 7.9644,
5.6018

265.2557,
261.9638, 250.5426

 4.9495, 4.0722,
2.5397

317.0251,

 2.2521, 1.7140,

314.2475, 302.8972

0.8611

375.1268,
373.0625, 362.0800

0.7700, 0.4327,
0.0000

0.0000, 0.0000,
0.0000

67.1567, 63.8902,
56.3694

67.1567, 63.8902,
56.3694

60.4797, 54.4099,
42.2009

74.8765, 74.7376,
73.0989

54.7951, 46.2337,
30.4626

83.6763, 86.9945,
92.5033

50.0560, 39.3065,
21.0183

91.4663, 98.1525,
108.7323

46.2095, 33.5661,
13.7165

■ 43.1973, 28.9445,
8.3876

■ 40.9537, 25.3668,
4.8357

■ 39.4020, 22.7482,
2.8242

■ 38.6850, 21.4698,
2.1052

Harmonies

Analogous

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



68.9196, 63.8902, 66.2821



67.1567, 63.8902, 56.3694



63.6891, 63.8902, 50.4947

Triad

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



67.1567, 63.8902, 56.3694



53.6393, 63.8902, 61.5429



61.8982, 63.8902, 94.5588

Complementary

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



67.1567, 63.8902, 56.3694



66.6425, 76.1273, 97.5681

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.



57.8557, 63.8902, 92.9191



67.1567, 63.8902, 56.3694



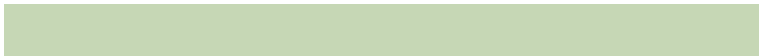
53.2084, 63.8902, 72.9557

Square

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



67.1567, 63.8902, 56.3694



55.9239, 63.8902, 53.2377



54.7190, 63.8902, 84.6755



65.7949, 63.8902, 88.9310

Rectangle

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



67.1567, 63.8902, 56.3694



60.9419, 63.8902, 49.2279



54.7190, 63.8902, 84.6755



60.5100, 63.8902, 94.8509

Sweetspot

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



67.1584, 63.8931, 56.3707



87.8839, 90.0550, 92.9861



70.5704, 61.3518, 86.3799



18.6845, 19.0998, 19.6241



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.



67.1584, 63.8931, 56.3707



69.9037, 64.8116, 53.9534



74.1892, 77.9547, 58.7143



16.7581, 17.0002, 17.1957



20.9152, 11.7160, 1.1591



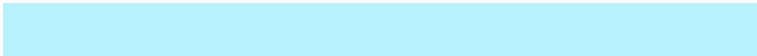
1.9064, 1.1660, 0.1246

Inverse Universe

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



66.6425, 76.1273, 97.5681



69.2404, 80.3989, 106.4769



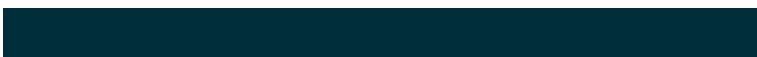
59.3045, 61.4514, 95.1221



16.7089, 18.1822, 21.1714



19.8188, 25.4314, 50.4022



1.8100, 2.3714, 4.4526

Previews

White Background



This preview shows how the XYZ color 67.1567, 63.8902, 56.3694 looks on a white background.

Color Contrast Check

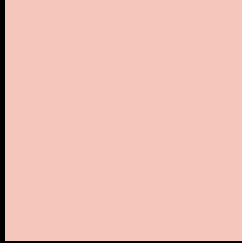
Large Text (above 18pt) WCAG AA × Fail

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 67.1567, 63.8902, 56.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

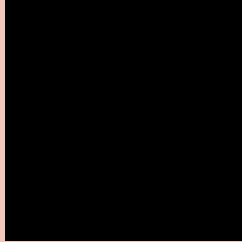
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1567, 63.8902, 56.3694

Background



This preview shows how black text looks on a background with the XYZ color 67.1567, 63.8902, 56.3694.

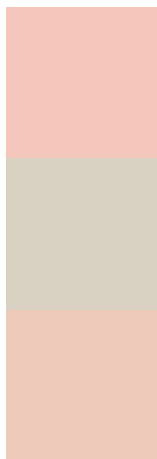


This preview shows how white text looks on a background with the XYZ color 67.1567, 63.8902,

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

67.1567, 63.8902, 56.3694

Protanopia

61.0414, 64.2029, 59.6272

Deuteranopia

65.3501, 64.0061, 55.9238



Tritanopia

70.2092, 64.1395, 70.3077

Trichromacy



Original Color

67.1567, 63.8902, 56.3694

Protanomaly

62.9138, 63.7551, 58.2803

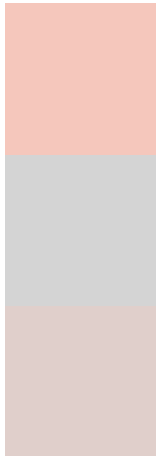
Deuteranomaly

66.1319, 64.0619, 55.8934

Tritanomaly

69.1035, 64.0185, 65.2146

Monochromacy



Original Color

67.1567, 63.8902, 56.3694

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8328, 64.7847, 65.6403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1567, 63.8902, 56.3694 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, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(245, 199, 188)  
}
```

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, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 199, 188) }
```

Border

The CSS property to change the border of an element to XYZ 67.1567, 63.8902, 56.3694 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, 199, 188) }
```


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

```
.border{ border-color:rgb(245, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 199, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 199, 188); box-shadow:4px 4px 4px 4px rgb(245, 199, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1567, 63.8902, 56.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 199, 188) }
```

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

```
.background{ background-color: rgb(245,  
199, 188) }
```

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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