

Converting Colors

XYZ(67.3067, 62.6372, 56.6757)

Have a look what the booklet for
XYZ(67.3067, 62.6372, 56.6757)
contains.

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Color

**XYZ(67.4118, 62.6608,
56.6859)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C3BD
RGB	248, 195, 189
RGB Percent	97%, 76%, 74%
CMY	0.0274, 0.2353, 0.2588
CMYK	0.00, 0.21, 0.24, 0.03
HSL	6°, 81%, 86%
HSV	6°, 24%, 97%
XYZ	67.4118, 62.6608, 56.6859
YIQ	210.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

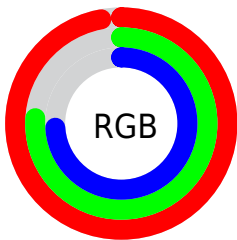
Format	Color
R _Y B	248, 196, 189
Decimal	16303037
CIE Lab	83.26, 18.04, 10.25
CIE LCh	83, 20.748, 29.612
Yxy	62.6608, 0.3610, 0.3355
Android (android.graphics.Color)	4294493117 (0xFFF8C3BD)
YUV	210.1630, -10.4334, 33.1830
Hunter-Lab	79.1586, 13.4839, 12.9531

Details

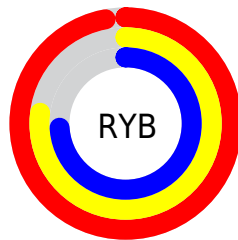
The XYZ color **67.4118, 62.6608, 56.6859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6808, 81.0981, 100.7882**, and the grayscale version is **61.4180, 64.6165, 70.3674**.

A 20% lighter version of the original color is **92.5318, 97.4734, 100.3235**, and **35.4547, 31.9037, 27.5819** is the 20% darker color. If you saturate the color by 10%, you get **60.3225, 52.4279, 42.1577**, and if you desaturate by 10%, it is **75.7094, 74.5727, 73.8892**.

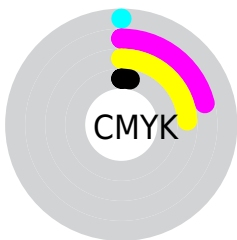
Distribution



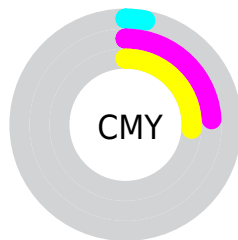
- Red (97%)
- Green (76%)
- Blue (74%)



- Red (97%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4118, 62.6608, 56.6859 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 67.4118, 62.6608, 56.6859 by changing the saturation by 10% instead.


 67.4118, 62.6608,
56.6859

 67.4118, 62.6608,
56.6859


440.8186,
434.3374, 429.7320

 49.6913, 45.5669,
40.3454

 114.5568,
108.6800, 101.5025

 35.3850, 31.9042,
27.4921


144.7120,
138.3740, 130.8157

 24.1275, 21.2883,
17.7075


179.7429,
173.0369, 165.2903

 15.5534, 13.3349,
10.5729

220.0147,
213.0530, 205.3447

 9.2976, 7.6596,
5.6699

265.8928,
258.8067, 251.3976

 4.9944, 3.8779,
2.5799

317.7426,

 2.2787, 1.6055,

310.6824, 303.8674

0.8820

375.9294,
369.0645, 363.1727

■ 0.7837, 0.3613,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4118, 62.6608,
56.6859

■ 67.4118, 62.6608,
56.6859

■ 60.3225, 52.4279,
42.1577

■ 75.7094, 74.5727,
73.8892

■ 54.3801, 43.7903,
30.1664

■ 85.2629, 88.2253,
93.8884

■ 49.5256, 36.6700,
20.5674

■ 92.5215, 98.6965,
108.7817

■ 45.6925, 30.9793,
13.1999

■ 42.8071, 26.6210,
7.8834

■ 40.7855, 23.4861,
4.4091

■ 39.5286, 21.4481,
2.5236

■ 39.0643, 20.6621,
1.9293

Harmonies

Analogous

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



68.6481, 62.6608, 68.3952



67.4118, 62.6608, 56.6859



64.0484, 62.6608, 48.9828

Triad

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



67.4118, 62.6608, 56.6859



52.3916, 62.6608, 56.4289



59.4985, 62.6608, 96.1694

Complementary

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



67.4118, 62.6608, 56.6859



69.6808, 81.0981, 100.7882

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.



55.2810, 62.6608, 91.9479



67.4118, 62.6608, 56.6859



51.3066, 62.6608, 68.0590

Square

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



67.4118, 62.6608, 56.6859



55.3778, 62.6608, 48.8481



52.3377, 62.6608, 81.2369



63.9417, 62.6608, 92.1532

Rectangle

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



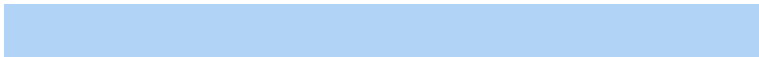
67.4118, 62.6608, 56.6859



61.1332, 62.6608, 46.6149



52.3377, 62.6608, 81.2369



58.0085, 62.6608, 95.6597

Sweetspot

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



67.4135, 62.6637, 56.6872



87.4047, 89.0967, 92.8264



72.9516, 62.7692, 92.3543



18.5739, 18.8786, 19.5872



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

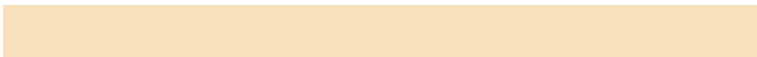
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4135, 62.6637, 56.6872



67.6922, 60.8114, 51.9130



74.6605, 77.1577, 59.1029



17.3867, 17.5093, 17.9256



21.1483, 11.2532, 1.0574



2.0044, 1.1337, 0.1132

Inverse Universe

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



69.6808, 81.0981, 100.7882



70.5236, 83.8614, 107.0776



61.6240, 64.9844, 98.1026



17.6060, 19.2889, 22.1805



23.4330, 32.2215, 52.9579



2.2125, 3.0687, 4.9189

Previews

White Background



This preview shows how the XYZ color 67.4118, 62.6608, 56.6859 looks on a white background.

Color Contrast Check

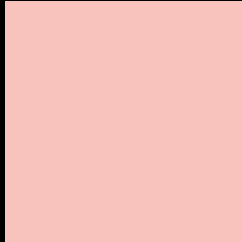
Large Text (above 18pt) WCAG AA × Fail

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 67.4118, 62.6608, 56.6859 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 67.4118, 62.6608, 56.6859

Background



This preview shows how black text looks on a background with the XYZ color 67.4118, 62.6608, 56.6859.

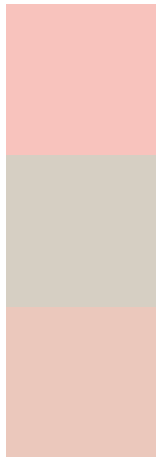


This preview shows how white text looks on a background with the XYZ color 67.4118, 62.6608,

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

67.4118, 62.6608, 56.6859

Protanopia

59.8947, 62.8619, 60.6065

Deuteranopia

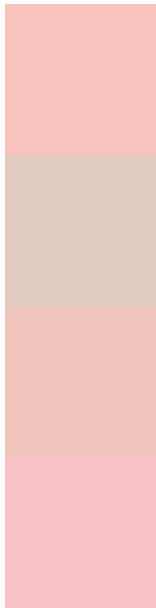
63.9923, 62.6016, 56.2875



Tritanopia

69.5365, 62.5283, 67.4357

Trichromacy



Original Color

67.4118, 62.6608, 56.6859

Protanomaly

62.3456, 62.7309, 59.2744

Deuteranomaly

65.2064, 62.5443, 56.2125

Tritanomaly

68.5622, 62.4498, 63.0840

Monochromacy



Original Color

67.4118, 62.6608, 56.6859

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2325, 63.7742, 64.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4118, 62.6608, 56.6859 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(248, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(248, 195, 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(248, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 195, 189) }
```

Border

The CSS property to change the border of an element to XYZ 67.4118, 62.6608, 56.6859 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(248, 195, 189) }
```


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

```
.border{ border-color:rgb(248, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 195, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 195, 189);  
box-shadow:4px 4px 4px 4px rgb(248, 195,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4118, 62.6608, 56.6859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 195, 189) }
```

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

```
.background{ background-color: rgb(248,  
195, 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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