

Converting Colors

XYZ(66.3415, 63.1170, 56.8303)

Have a look what the booklet for
XYZ(66.3415, 63.1170, 56.8303)
contains.

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Color

**XYZ(66.3415, 63.1170,
56.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C6BD
RGB	243, 198, 189
RGB Percent	95%, 78%, 74%
CMY	0.0471, 0.2235, 0.2588
CMYK	0.00, 0.19, 0.22, 0.05
HSL	10°, 69%, 85%
HSV	10°, 22%, 95%
XYZ	66.3415, 63.1170, 56.8303
YIQ	210.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

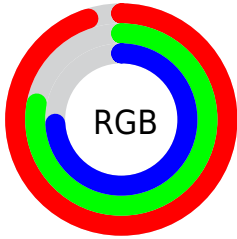
Format	Color
R _Y B	243, 200, 189
Decimal	15976125
CIE Lab	83.50, 14.63, 10.53
CIE LCh	84, 18.025, 35.744
Yxy	63.1170, 0.3561, 0.3388
Android (android.graphics.Color)	4294166205 (0xFFFF3C6BD)
YUV	210.4290, -10.5645, 28.5648
Hunter-Lab	79.4462, 10.0254, 13.2004

Details

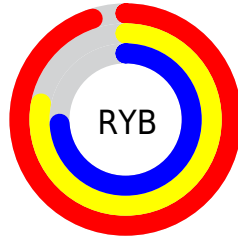
The XYZ color **66.3415, 63.1170, 56.8303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5859, 76.1332, 95.9800**, and the grayscale version is **61.5956, 64.8033, 70.5708**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **34.6669, 32.1632, 27.6735** is the 20% darker color. If you saturate the color by 10%, you get **59.5990, 53.5052, 42.6413**, and if you desaturate by 10%, it is **74.1481, 74.1488, 73.5557**.

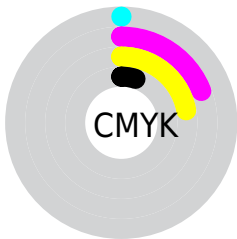
Distribution



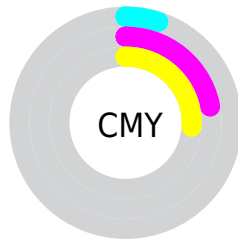
- Red (95%)
- Green (78%)
- Blue (74%)



- Red (95%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3415, 63.1170, 56.8303 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 66.3415, 63.1170, 56.8303 by changing the saturation by 10% instead.


 66.3415, 63.1170,
56.8303

 66.3415, 63.1170,
56.8303


437.0666,
435.9940, 430.2890

 48.8184, 45.9359,
40.4606


 113.0314,
109.3383, 101.7154

 34.6894, 32.1952,
27.5813


142.9288,
139.1472, 131.0678

 23.5891, 21.5107,
17.7740


177.6818,
173.9342, 165.5849

 15.1522, 13.4978,
10.6201

217.6556,
214.0837, 205.6852

 9.0133, 7.7722,
5.7010

263.2157,
259.9800, 251.7872

 4.8070, 3.9495,
2.5983

314.7273,

 2.1681, 1.6454,

312.0076, 304.3095

0.8916

372.5558,
370.5508, 363.6706

■ 0.7258, 0.3879,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3415, 63.1170,
56.8303

■ 66.3415, 63.1170,
56.8303

■ 59.5990, 53.5052,
42.6413

■ 74.1481, 74.1488,
73.5557

■ 53.8691, 45.2471,
30.8607

■ 83.0572, 86.6461,
92.9291

■ 49.1036, 38.2841,
21.3554

■ 90.7723, 97.7947,
108.6998

■ 45.2484, 32.5500,
13.9777

■ 42.2437, 27.9724,
8.5621

■ 40.0224, 24.4713,
4.9189

■ 38.5063, 21.9561,
2.8201

■ 37.7388, 20.6078,
1.9886

Harmonies

Analogous

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



67.8356, 63.1170, 66.5783



66.3415, 63.1170, 56.8303



63.1520, 63.1170, 50.8056

Triad

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



66.3415, 63.1170, 56.8303



53.3557, 63.1170, 60.2034



60.7511, 63.1170, 92.6083

Complementary

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



66.3415, 63.1170, 56.8303



66.5859, 76.1332, 95.9800

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.



56.9369, 63.1170, 90.4254



66.3415, 63.1170, 56.8303



52.7754, 63.1170, 70.9147

Square

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



66.3415, 63.1170, 56.8303



55.6799, 63.1170, 52.5990



54.0589, 63.1170, 82.1704



64.5187, 63.1170, 87.8469

Rectangle

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



66.3415, 63.1170, 56.8303



60.5538, 63.1170, 49.3060



54.0589, 63.1170, 82.1704



59.4313, 63.1170, 92.6682

Sweetspot

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



66.3432, 63.1199, 56.8316



87.7454, 89.7779, 92.9399



70.0115, 61.3911, 86.0020



18.6526, 19.0358, 19.6134



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.



66.3432, 63.1199, 56.8316



70.2288, 65.0313, 55.3889



73.0731, 76.5797, 59.0749



16.7224, 16.9289, 17.1838



20.7772, 11.4401, 1.1131



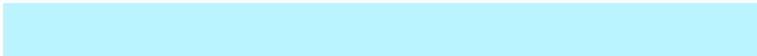
1.8891, 1.1315, 0.1188

Inverse Universe

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



66.5859, 76.1332, 95.9800



70.5422, 82.0901, 106.7347



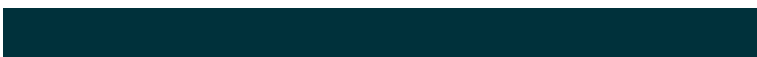
59.4774, 61.9162, 93.6105



16.7477, 18.2598, 21.1844



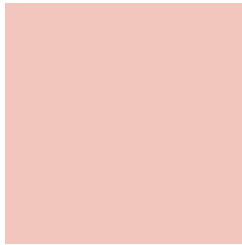
20.6183, 27.0303, 50.6687



1.8732, 2.4979, 4.4736

Previews

White Background



This preview shows how the XYZ color 66.3415, 63.1170, 56.8303 looks on a white background.

Color Contrast Check

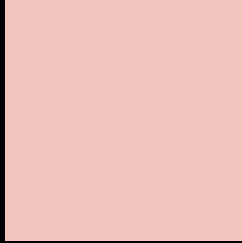
Large Text (above 18pt) WCAG AA × Fail

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 66.3415, 63.1170, 56.8303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

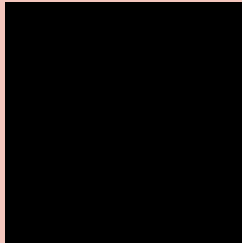
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3415, 63.1170, 56.8303

Background



This preview shows how black text looks on a background with the XYZ color 66.3415, 63.1170, 56.8303.

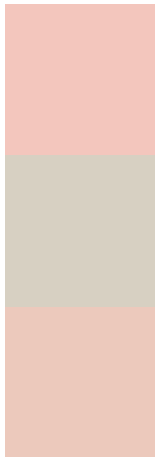


This preview shows how white text looks on a background with the XYZ color 66.3415, 63.1170,

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

66.3415, 63.1170, 56.8303

Protanopia

60.3178, 63.4539, 60.1077

Deuteranopia

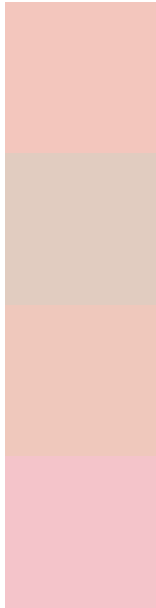
64.5558, 63.2370, 56.3805



Tritanopia

68.8042, 63.0958, 69.5251

Trichromacy



Original Color

66.3415, 63.1170, 56.8303

Protanomaly

62.1586, 62.9991, 58.7531

Deuteranomaly

65.3280, 63.2901, 56.3500

Tritanomaly

67.7088, 62.9772, 64.4643

Monochromacy



Original Color

66.3415, 63.1170, 56.8303

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.8562, 63.9365, 64.9052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3415, 63.1170, 56.8303 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(243, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(243, 198, 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(243, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 198, 189) }
```

Border

The CSS property to change the border of an element to XYZ 66.3415, 63.1170, 56.8303 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(243, 198, 189) }
```


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

```
.border{ border-color:rgb(243, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(243, 198,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3415, 63.1170, 56.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 198, 189) }
```

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

```
.background{ background-color: rgb(243,  
198, 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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