

Converting Colors

XYZ(66.0969, 61.0633, 56.5192)

Have a look what the booklet for
XYZ(66.0969, 61.0633, 56.5192)
contains.

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Color

**XYZ(66.0410, 60.9662,
56.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C0BD
RGB	246, 192, 189
RGB Percent	96%, 75%, 74%
CMY	0.0353, 0.2470, 0.2588
CMYK	0.00, 0.22, 0.23, 0.04
HSL	3°, 76%, 85%
HSV	3°, 23%, 96%
XYZ	66.0410, 60.9662, 56.4310
YIQ	207.8040, 33.1470, 10.5150

Conversions

Conversions Part 2

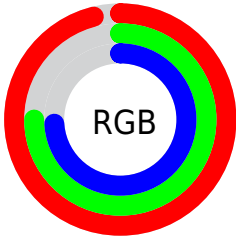
Format	Color
R _Y B	246, 192, 189
Decimal	16171197
CIE Lab	82.36, 18.89, 8.94
CIE LCh	82, 20.895, 25.321
Yxy	60.9662, 0.3600, 0.3324
Android (android.graphics.Color)	4294361277 (0xFFF6C0BD)
YUV	207.8040, -9.2704, 33.4979
Hunter-Lab	78.0809, 14.3343, 11.8062

Details

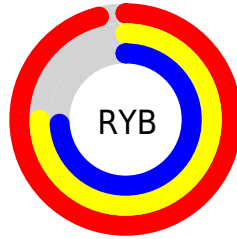
The XYZ color **66.0410, 60.9662, 56.4310** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6707, 81.5717, 99.2622**, and the grayscale version is **59.8717, 62.9897, 68.5958**.

A 20% lighter version of the original color is **91.5971, 95.6039, 100.0119**, and **34.5187, 30.7733, 27.4131** is the 20% darker color. If you saturate the color by 10%, you get **58.8761, 50.5532, 41.9669**, and if you desaturate by 10%, it is **74.4723, 73.1862, 73.5530**.

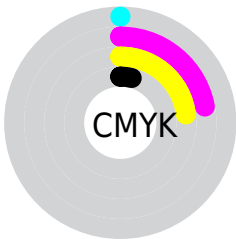
Distribution



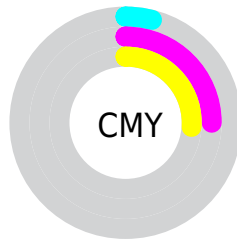
- Red (96%)
- Green (75%)
- Blue (74%)



- Red (96%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0410, 60.9662, 56.4310 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 66.0410, 60.9662, 56.4310 by changing the saturation by 10% instead.


 66.0410, 60.9662,
56.4310

 66.0410, 60.9662,
56.4310


436.0098,
428.1501, 428.7476

 48.5735, 44.1979,
40.1423


 112.6026,
106.2300, 101.1265

 34.4944, 30.8261,
27.3349


142.4274,
135.4943, 130.3704

 23.4384, 20.4665,
17.5902


177.1020,
169.6927, 164.7698

 15.0400, 12.7346,
10.4898

216.9918,
209.2095, 204.7432

 8.9340, 7.2460,
5.6151

262.4621,
254.4293, 250.7091

 4.7549, 3.6164,
2.5475


313.8783,

 2.1375, 1.4614,


305.7364, 303.0861


0.8652


371.6058,
363.5152, 362.2928


 0.7095, 0.2613,
0.0000


 0.0000, 0.0000,
0.0000

 66.0410, 60.9662,
56.4310


 66.0410, 60.9662,
56.4310


 58.8761, 50.5532,
41.9669


 74.4723, 73.1862,
73.5530

 52.9118, 41.8536,
30.0240

 84.2217, 87.2842,
93.4528

 48.0837, 34.7780,
20.4590

 91.8163, 98.3329,
108.7487

 44.3196, 29.2258,
13.1128

■ 41.5391, 25.0851,
7.8070

■ 39.6498, 22.2285,
4.3354

■ 38.5424, 20.5058,
2.4488

■ 38.1498, 19.8800,
1.8265

Harmonies

Analogous

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



66.9117, 60.9662, 68.4034



66.0410, 60.9662, 56.4310



62.9592, 60.9662, 48.1795

Triad

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



66.0410, 60.9662, 56.4310



51.1827, 60.9662, 53.3770



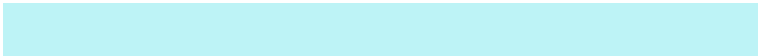
57.2505, 60.9662, 93.9626

Complementary

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



66.0410, 60.9662, 56.4310



69.6707, 81.5717, 99.2622

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.



53.2073, 60.9662, 88.6731



66.0410, 60.9662, 56.4310



49.8202, 60.9662, 64.4004

Square

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



66.0410, 60.9662, 56.4310



54.3590, 60.9662, 46.5811



50.5421, 60.9662, 77.4386



61.6886, 60.9662, 91.1229

Rectangle

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



66.0410, 60.9662, 56.4310



60.1448, 60.9662, 45.3627



50.5421, 60.9662, 77.4386



55.8026, 60.9662, 93.0590

Sweetspot

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



66.0427, 60.9690, 56.4323



87.1490, 88.5852, 92.7411



72.4046, 62.4689, 93.1549



18.5149, 18.7606, 19.5676



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.



66.0427, 60.9690, 56.4323



67.6974, 60.3991, 53.2180



72.8771, 74.6379, 58.7104



16.5692, 16.6225, 17.1327



20.3927, 10.6709, 0.9849



1.8165, 0.9863, 0.0946

Inverse Universe

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



69.6707, 81.5717, 99.2622



72.2925, 86.5031, 107.4943



61.8329, 65.8962, 96.6496



16.9175, 18.5993, 21.2409



24.4705, 34.7348, 51.9528



2.1732, 3.0979, 4.5736

Previews

White Background



This preview shows how the XYZ color 66.0410, 60.9662, 56.4310 looks on a white background.

Color Contrast Check

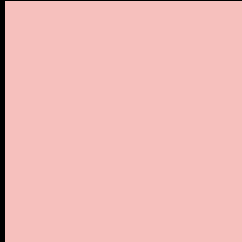
Large Text (above 18pt) WCAG AA × Fail

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 66.0410, 60.9662, 56.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

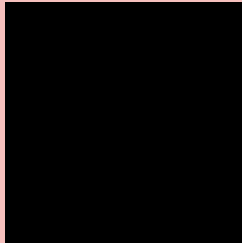
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0410, 60.9662, 56.4310

Background



This preview shows how black text looks on a background with the XYZ color 66.0410, 60.9662, 56.4310.



This preview shows how white text looks on a background with the XYZ color 66.0410, 60.9662,

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

66.0410, 60.9662, 56.4310

Protanopia

58.4206, 61.0201, 60.9235

Deuteranopia

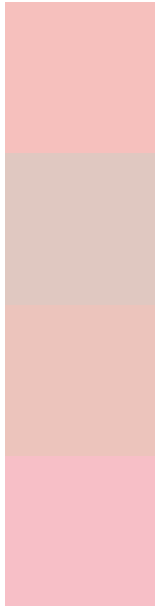
62.2262, 61.0079, 56.0730



Tritanopia

68.0239, 61.1430, 65.3433

Trichromacy



Original Color

66.0410, 60.9662, 56.4310

Protanomaly

61.0204, 61.0061, 59.0113

Deuteranomaly

63.4091, 60.9436, 55.9982

Tritanomaly

67.2974, 61.1593, 62.2908

Monochromacy



Original Color

66.0410, 60.9662, 56.4310

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7873, 61.9877, 63.9666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0410, 60.9662, 56.4310 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(246, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 192, 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(246, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 192, 189) }
```

Border

The CSS property to change the border of an element to XYZ 66.0410, 60.9662, 56.4310 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(246, 192, 189) }
```


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

```
.border{ border-color:rgb(246, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 192, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 192, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 192,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0410, 60.9662, 56.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 192, 189) }
```

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

```
.background{ background-color: rgb(246,  
192, 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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