

Converting Colors

XYZ(67.7404, 61.0815, 60.3974)

Have a look what the booklet for
XYZ(67.7404, 61.0815, 60.3974)
contains.

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Color

**XYZ(67.8016, 61.1364,
60.4515)**

Conversions

Conversions Part 1

Format	Color
Hex	FABEC4
RGB	250, 190, 196
RGB Percent	98%, 75%, 77%
CMY	0.0196, 0.2549, 0.2314
CMYK	0.00, 0.24, 0.22, 0.02
HSL	354°, 86%, 86%
HSV	354°, 24%, 98%
XYZ	67.8016, 61.1364, 60.4515
YIQ	208.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

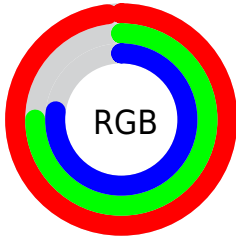
Format	Color
R _Y B	250, 190, 196
Decimal	16432836
CIE Lab	82.45, 22.39, 5.37
CIE LCh	82, 23.028, 13.475
Yxy	61.1364, 0.3580, 0.3228
Android (android.graphics.Color)	4294622916 (0xFFFA ^B EC4)
YUV	208.6240, -6.2236, 36.2868
Hunter-Lab	78.1898, 17.9527, 8.8935

Details

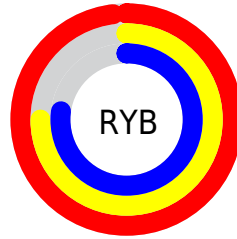
The XYZ color **67.8016, 61.1364, 60.4515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7525, 85.8515, 98.3815**, and the grayscale version is **60.3846, 63.5293, 69.1834**.

A 20% lighter version of the original color is **92.2304, 94.8734, 106.3798**, and **35.6790, 30.8988, 29.6748** is the 20% darker color. If you saturate the color by 10%, you get **60.4720, 50.2730, 46.3055**, and if you desaturate by 10%, it is **76.4474, 74.0164, 76.9328**.

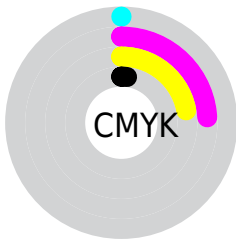
Distribution



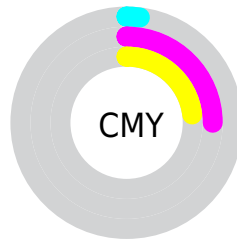
- Red (98%)
- Green (75%)
- Blue (77%)



- Red (98%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8016, 61.1364, 60.4515 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 67.8016, 61.1364, 60.4515 by changing the saturation by 10% instead.


 67.8016, 61.1364,
60.4515

 67.8016, 61.1364,
60.4515


442.1805,
428.7739, 444.1108

 50.0094, 44.3353,
43.3550


 115.1117,
106.4764, 107.0341

 35.6387, 30.9342,
29.8303


145.3604,
135.7841, 137.3573

 24.3241, 20.5487,
19.4588


180.4920,
170.0293, 172.9265

 15.7003, 12.7945,
11.8221

220.8718,
209.5966, 214.1601

 9.4018, 7.2872,
6.5016

266.8652,
254.8704, 261.4769

 5.0634, 3.6424,
3.0787


318.8375,


 2.3196, 1.4756,


306.2349, 315.2952


1.1350


377.1542,
364.0746, 376.0336


 0.8047, 0.2715,
0.0000


 0.0000, 0.0000,
0.0000


 67.8016, 61.1364,
60.4515


 67.8016, 61.1364,
60.4515


 60.4720, 50.2730,
46.3055


 76.4474, 74.0164,
76.9328

 54.3892, 41.3163,
34.3854

 86.4644, 88.9991,
95.8443

 49.4850, 34.1585,
24.5787

 93.2346, 99.0641,
108.8150

 45.6824, 28.6779,
16.7617

■ 42.8956, 24.7375,
10.7976

■ 41.0256, 22.1789,
6.5322

■ 39.9533, 20.8090,
3.7861

■ 39.5998, 20.3942,
2.7680

Harmonies

Analogous

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



67.6573, 61.1364, 74.5740



67.8016, 61.1364, 60.4515



65.2468, 61.1364, 49.6126

Triad

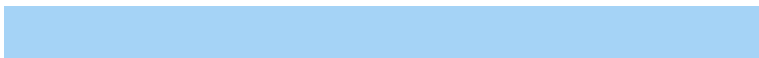
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8016, 61.1364, 60.4515



51.8396, 61.1364, 48.7792



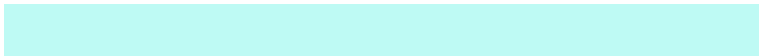
55.4590, 61.1364, 96.0645

Complementary

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



67.8016, 61.1364, 60.4515



71.7525, 85.8515, 98.3815

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.



51.5104, 61.1364, 87.0016



67.8016, 61.1364, 60.4515



49.5029, 61.1364, 59.1549

Square

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



67.8016, 61.1364, 60.4515



55.9317, 61.1364, 43.5440



49.3859, 61.1364, 73.0819



60.3407, 61.1364, 96.5418

Rectangle

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



67.8016, 61.1364, 60.4515



62.4361, 61.1364, 45.1502



49.3859, 61.1364, 73.0819



53.9853, 61.1364, 93.8688

Sweetspot

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



67.8033, 61.1392, 60.4528



87.1378, 88.1434, 94.0308



72.9788, 62.9650, 98.7500



18.5124, 18.6587, 19.8650



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.



67.8033, 61.1392, 60.4528



66.8986, 57.9779, 55.4908



72.7670, 72.1372, 58.8073



17.3151, 17.2534, 18.2489



21.0282, 10.8270, 1.5912



1.9703, 1.0119, 0.2671

Inverse Universe

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



67.8033, 61.1392, 60.4528



66.8986, 57.9779, 55.4908



65.6892, 72.2443, 100.9253



17.3151, 17.2534, 18.2489



21.0282, 10.8270, 1.5912



1.9703, 1.0119, 0.2671

Previews

White Background



This preview shows how the XYZ color 67.8016, 61.1364, 60.4515 looks on a white background.

Color Contrast Check

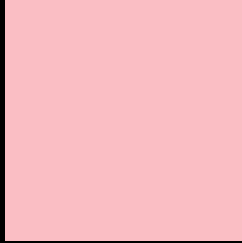
Large Text (above 18pt) WCAG AA × Fail

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 67.8016, 61.1364, 60.4515 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 67.8016, 61.1364, 60.4515

Background



This preview shows how black text looks on a background with the XYZ color 67.8016, 61.1364, 60.4515.



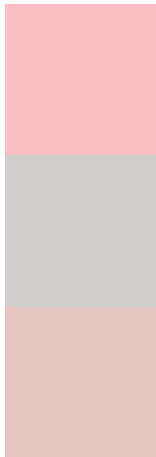
This preview shows how white text looks on a background with the XYZ color 67.8016, 61.1364,

60.4515.

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

67.8016, 61.1364, 60.4515

Protanopia

59.0249, 61.5776, 65.9015

Deuteranopia

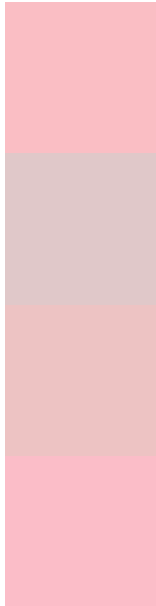
62.2448, 60.9412, 59.5211



Tritanopia

68.7607, 61.2162, 64.6917

Trichromacy



Original Color

67.8016, 61.1364, 60.4515

Protanomaly

61.9374, 61.3729, 63.8400

Deuteranomaly

64.2905, 60.9749, 60.0106

Tritanomaly

68.4066, 61.0746, 62.8267

Monochromacy



Original Color

67.8016, 61.1364, 60.4515

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.7601, 62.4480, 65.8726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8016, 61.1364, 60.4515 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, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(250, 190, 196)  
}
```

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, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 190, 196) }
```

Border

The CSS property to change the border of an element to XYZ 67.8016, 61.1364, 60.4515 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, 190, 196) }
```


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

```
.border{ border-color:rgb(250, 190, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 190, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(250, 190,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8016, 61.1364, 60.4515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 190, 196) }
```

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

```
.background{ background-color: rgb(250,  
190, 196) }
```

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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