

Converting Colors

XYZ(67.7664, 60.5937, 71.6714)

Have a look what the booklet for
XYZ(67.7664, 60.5937, 71.6714)
contains.

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Color

**XYZ(67.6434, 60.4833,
71.7276)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BDD6
RGB	244, 189, 214
RGB Percent	96%, 74%, 84%
CMY	0.0431, 0.2588, 0.1608
CMYK	0.00, 0.23, 0.12, 0.04
HSL	333°, 71%, 85%
HSV	333°, 23%, 96%
XYZ	67.6434, 60.4833, 71.7276
YIQ	208.2950, 24.7550, 19.4350

Conversions

Conversions Part 2

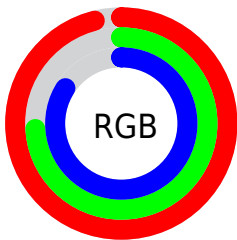
Format	Color
RYB	244, 189, 214
Decimal	16039382
CIELab	82.10, 23.56, -4.88
CIELCh	82, 24.064, 348.289
Yxy	60.4833, 0.3385, 0.3026
Android (android.graphics.Color)	4294229462 (0xFFF4BDD6)
YUV	208.2950, 2.8126, 31.3133
Hunter-Lab	77.7710, 19.1558, -0.2430

Details

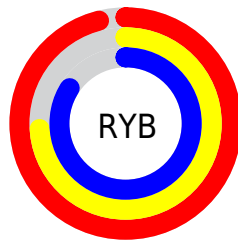
The XYZ color **67.6434, 60.4833, 71.7276** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1255, 80.6362, 79.1007**, and the grayscale version is **60.1181, 63.2489, 68.8780**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **35.4155, 30.3959, 36.8013** is the 20% darker color. If you saturate the color by 10%, you get **61.1990, 50.2040, 61.5328**, and if you desaturate by 10%, it is **75.1132, 72.5894, 82.9509**.

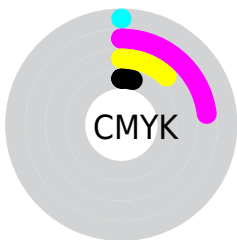
Distribution



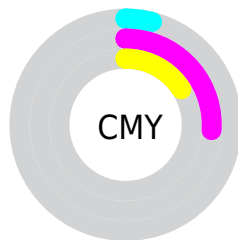
- Red (96%)
- Green (74%)
- Blue (84%)



- Red (96%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6434, 60.4833, 71.7276 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 67.6434, 60.4833, 71.7276 by changing the saturation by 10% instead.


 67.6434, 60.4833,
71.7276

 67.6434, 60.4833,
71.7276


441.6281,
426.3769, 485.5449

 49.8803, 43.8083,
52.4507


 114.8866,
105.5304, 123.3733

 35.5357, 30.5198,
36.9797


145.0973,
134.6714, 156.5792

 24.2443, 20.2335,
24.8961


180.1881,
168.7364, 195.2651

 15.6406, 12.5649,
15.7814

220.5241,
208.1099, 239.8497

 9.3594, 7.1296,
9.2169

266.4707,
253.1764, 290.7514

 5.0354, 3.5433,
4.7842

318.3934,

 2.3030, 1.4215,

304.3201, 348.3888

2.0647

376.6574,
361.9255, 413.1805

■ 0.7962, 0.2325,
0.5946

■ 0.0000, 0.0000,
0.0000

■ 67.6434, 60.4833,
71.7276

■ 67.6434, 60.4833,
71.7276

■ 61.1990, 50.2040,
61.5328

■ 75.1132, 72.5894,
82.9509

■ 55.7272, 41.6538,
52.3307

■ 83.6473, 86.5977,
95.2294

■ 51.1784, 34.7380,
44.0883

■ 90.9470, 97.9046,
107.8127

■ 47.4963, 29.3497,
36.7694

■ 91.1185, 97.9733,
108.7160

■ 44.6179, 25.3690,
30.3346

■ 42.4710, 22.6576,
24.7405

■ 40.9690, 21.0489,
19.9382

■ 40.1723, 20.3787,
16.8261

Harmonies

Analogous

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



65.1300, 60.4833, 86.3849



67.6434, 60.4833, 71.7276



67.3190, 60.4833, 57.4232

Triad

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



67.6434, 60.4833, 71.7276



54.4623, 60.4833, 42.6104



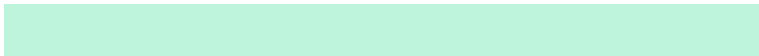
51.2013, 60.4833, 89.1468

Complementary

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



67.6434, 60.4833, 71.7276



66.1255, 80.6362, 79.1007

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.



48.6632, 60.4833, 75.0765



67.6434, 60.4833, 71.7276



50.4677, 60.4833, 48.8681

Square

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



67.6434, 60.4833, 71.7276



59.5028, 60.4833, 41.9889



48.4028, 60.4833, 60.3140



55.5184, 60.4833, 97.3917

Rectangle

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



67.6434, 60.4833, 71.7276



65.5402, 60.4833, 49.9295



48.4028, 60.4833, 60.3140



50.1231, 60.4833, 84.8534

Sweetspot

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



67.6451, 60.4860, 71.7289



88.0892, 88.5239, 99.0408



63.5423, 57.8867, 93.4129



18.7322, 18.7467, 21.0227



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.



67.6451, 60.4860, 71.7289



71.4126, 61.4739, 74.0497



65.0902, 60.0990, 56.3170



16.8123, 16.6078, 18.7582



21.9102, 11.1075, 9.5016



1.9768, 0.9967, 1.1044

Inverse Universe

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



67.6451, 60.4860, 71.7289



71.4126, 61.4739, 74.0497



69.1190, 80.9554, 97.5717



16.8123, 16.6078, 18.7582



21.9102, 11.1075, 9.5016



1.9768, 0.9967, 1.1044

Previews

White Background



This preview shows how the XYZ color 67.6434, 60.4833, 71.7276 looks on a white background.

Color Contrast Check

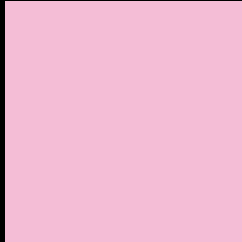
Large Text (above 18pt) WCAG AA × Fail

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 67.6434, 60.4833, 71.7276 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 67.6434, 60.4833, 71.7276

Background



This preview shows how black text looks on a background with the XYZ color 67.6434, 60.4833, 71.7276.



This preview shows how white text looks on a background with the XYZ color 67.6434, 60.4833,

71.7276.

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

67.6434, 60.4833, 71.7276

Protanopia

59.3038, 60.7361, 78.4096

Deuteranopia

61.8965, 60.5138, 70.7054



Tritanopia

66.3950, 60.2894, 65.8952

Trichromacy



Original Color

67.6434, 60.4833, 71.7276

Protanomaly

62.0258, 60.4609, 76.1112

Deuteranomaly

63.8384, 60.4923, 71.2623

Tritanomaly

66.7608, 60.4357, 67.8211

Monochromacy



Original Color

67.6434, 60.4833, 71.7276

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.3383, 61.7986, 69.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6434, 60.4833, 71.7276 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(244, 189, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 214)  
}
```

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(244, 189, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.6434, 60.4833, 71.7276 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(244, 189, 214) }
```


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

```
.border{ border-color:rgb(244, 189, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6434, 60.4833, 71.7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 214) }
```

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

```
.background{ background-color: rgb(244,  
189, 214) }
```

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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