

Converting Colors

XYZ(67.7372, 62.9991, 67.5203)

Have a look what the booklet for
XYZ(67.7372, 62.9991, 67.5203)
contains.

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Color

**XYZ(67.6204, 62.8621,
67.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C4CF
RGB	242, 196, 207
RGB Percent	95%, 77%, 81%
CMY	0.0510, 0.2314, 0.1882
CMYK	0.00, 0.19, 0.14, 0.05
HSL	346°, 64%, 86%
HSV	346°, 19%, 95%
XYZ	67.6204, 62.8621, 67.6011
YIQ	211.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

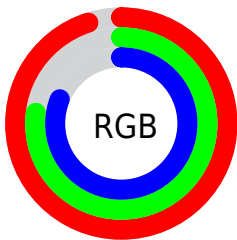
Format	Color
R_{YB}	242, 196, 207
Decimal	15910095
CIE _{Lab}	83.37, 18.04, 0.71
CIE _{LCh}	83, 18.054, 2.247
Yxy	62.8621, 0.3414, 0.3174
Android (android.graphics.Color)	4294100175 (0xFFFF2C4CF)
YUV	211.0080, -1.9759, 27.1800
Hunter-Lab	79.2856, 13.4876, 4.9477

Details

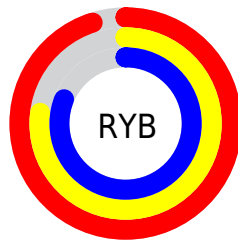
The XYZ color **67.6204, 62.8621, 67.6011** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9434, 81.0112, 87.6083**, and the grayscale version is **61.9252, 65.1502, 70.9485**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **35.4304, 31.9602, 34.4385** is the 20% darker color. If you saturate the color by 10%, you get **60.4743, 51.9647, 54.7520**, and if you desaturate by 10%, it is **75.9130, 75.6309, 82.1294**.

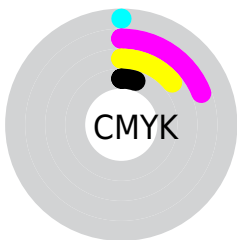
Distribution



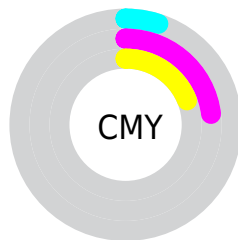
- Red (95%)
- Green (77%)
- Blue (81%)



- Red (95%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6204, 62.8621, 67.6011 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 67.6204, 62.8621, 67.6011 by changing the saturation by 10% instead.

67.6204, 62.8621,
67.6011

67.6204, 62.8621,
67.6011

441.5477,
435.0688, 470.6410

49.8615, 45.7297,
49.1086

114.8538,
108.9705, 117.4301

35.5207, 32.0325,
34.3394

145.0591,
138.7153, 149.6037

24.2327, 21.3864,
22.8750

180.1439,
173.4330, 187.1748

15.6320, 13.4067,
14.2968

220.4735,
213.5080, 230.5619

9.3533, 7.7092,
8.1863

266.4133,
259.3247, 280.1835

5.0313, 3.9094,
4.1249

318.3288,

2.3006, 1.6230,

311.2675, 336.4582

1.6941

376.5851,
369.7207, 399.8045

■ 0.7950, 0.3731,
0.3567

■ 0.0000, 0.0000,
0.0000

■ 67.6204, 62.8621,
67.6011

■ 67.6204, 62.8621,
67.6011

■ 60.4743, 51.9647,
54.7520

■ 75.9130, 75.6309,
82.1294

■ 54.4184, 42.8425,
43.5167

■ 85.3947, 90.3448,
98.3910

■ 49.3992, 35.4032,
33.8313

■ 90.4283, 97.6174,
108.6837

■ 45.3569, 29.5430,
25.6262

■ 42.2250, 25.1464,
18.8259

■ 39.9286, 22.0821,
13.3482

■ 38.3799, 20.1948,
9.1012

■ 37.4516, 19.2525,
5.9733

■ 37.3783, 19.1814,
5.7157

Harmonies

Analogous

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



66.6872, 62.8621, 79.0243



67.6204, 62.8621, 67.6011



66.3689, 62.8621, 57.5378

Triad

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



67.6204, 62.8621, 67.6011



55.8072, 62.8621, 51.7286



56.2990, 62.8621, 89.4359

Complementary

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



67.6204, 62.8621, 67.6011



68.9434, 81.0112, 87.6083

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.



53.5838, 62.8621, 80.6528



67.6204, 62.8621, 67.6011



53.3087, 62.8621, 58.8568

Square

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



67.6204, 62.8621, 67.6011



59.4527, 62.8621, 49.0218



52.5126, 62.8621, 69.2982



60.0453, 62.8621, 92.4236

Rectangle

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



67.6204, 62.8621, 67.6011



64.4947, 62.8621, 52.7239



52.5126, 62.8621, 69.2982



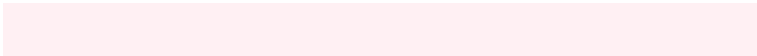
55.2412, 62.8621, 87.0192

Sweetspot

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



67.6222, 62.8649, 67.6024



88.5436, 89.8964, 97.7624



68.5629, 62.7995, 92.5130



18.8068, 19.0166, 20.6750



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.



67.6222, 62.8649, 67.6024



72.7381, 65.5696, 70.0378



69.0180, 67.7337, 61.6643



15.9277, 15.8208, 17.1754



20.1241, 10.3220, 3.3039



1.7118, 0.8738, 0.4733

Inverse Universe

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



67.6222, 62.8649, 67.6024



72.7381, 65.5696, 70.0378



67.2304, 75.0209, 94.9423



15.9277, 15.8208, 17.1754



20.1241, 10.3220, 3.3039



1.7118, 0.8738, 0.4733

Previews

White Background



This preview shows how the XYZ color 67.6204, 62.8621, 67.6011 looks on a white background.

Color Contrast Check

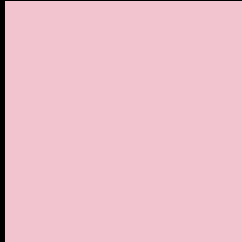
Large Text (above 18pt) WCAG AA × Fail

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 67.6204, 62.8621, 67.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

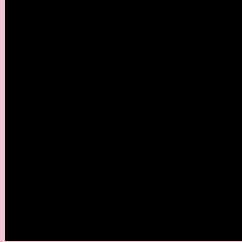
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6204, 62.8621, 67.6011

Background



This preview shows how black text looks on a background with the XYZ color 67.6204, 62.8621, 67.6011.



This preview shows how white text looks on a background with the XYZ color 67.6204, 62.8621,

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

67.6204, 62.8621, 67.6011

Protanopia

60.9014, 63.1314, 71.9265

Deuteranopia

64.3403, 62.8875, 67.1399



Tritanopia

67.8909, 62.6106, 70.1348

Trichromacy



Original Color

67.6204, 62.8621, 67.6011

Protanomaly

63.2380, 62.9446, 70.4445

Deuteranomaly

65.4957, 62.7955, 67.0613

Tritanomaly

67.7659, 62.5606, 69.4765

Monochromacy



Original Color

67.6204, 62.8621, 67.6011

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.8284, 64.3254, 70.0247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6204, 62.8621, 67.6011 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(242, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 207)  
}
```

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(242, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 207) }
```

Border

The CSS property to change the border of an element to XYZ 67.6204, 62.8621, 67.6011 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(242, 196, 207) }
```


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

```
.border{ border-color:rgb(242, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6204, 62.8621, 67.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 207) }
```

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

```
.background{ background-color: rgb(242,  
196, 207) }
```

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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