

Converting Colors

XYZ(66.9781, 61.7663, 66.8061)

Have a look what the booklet for
XYZ(66.9781, 61.7663, 66.8061)
contains.

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Color

**XYZ(67.0503, 61.9170,
66.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C2CE
RGB	242, 194, 206
RGB Percent	95%, 76%, 81%
CMY	0.0510, 0.2392, 0.1922
CMYK	0.00, 0.20, 0.15, 0.05
HSL	345°, 65%, 85%
HSV	345°, 20%, 95%
XYZ	67.0503, 61.9170, 66.8098
YIQ	209.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

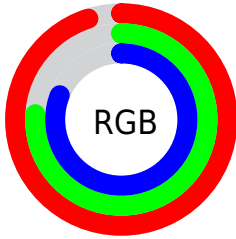
Format	Color
R _Y B	242, 194, 206
Decimal	15909582
CIE Lab	82.87, 18.94, 0.51
CIE LCh	83, 18.946, 1.553
Yxy	61.9170, 0.3425, 0.3163
Android (android.graphics.Color)	4294099662 (0xFFFF2C2CE)
YUV	209.7200, -1.8340, 28.3096
Hunter-Lab	78.6874, 14.3988, 4.7407

Details

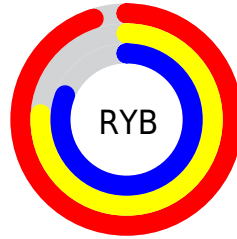
The XYZ color **67.0503, 61.9170, 66.8098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2856, 80.6883, 86.8421**, and the grayscale version is **61.0767, 64.2574, 69.9763**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.0532, 31.3375, 33.9070** is the 20% darker color. If you saturate the color by 10%, you get **60.0175, 51.1784, 54.2072**, and if you desaturate by 10%, it is **75.2184, 74.5171, 81.0487**.

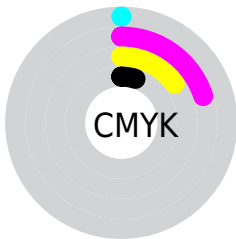
Distribution



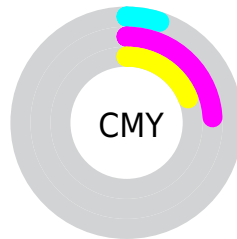
- Red (95%)
- Green (76%)
- Blue (81%)



- Red (95%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0503, 61.9170, 66.8098 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 67.0503, 61.9170, 66.8098 by changing the saturation by 10% instead.

67.0503, 61.9170,
66.8098

67.0503, 61.9170,
66.8098

439.5535,
431.6283, 467.7505

49.3964, 44.9656,
48.4694

114.0419,
107.6056, 116.2859

35.1498, 31.4304,
33.8362

144.1102,
137.1116, 148.2587

23.9454, 20.9268,
22.4914

179.0474,
171.5712, 185.6128

15.4176, 13.0705,
14.0167

219.2188,
211.3689, 228.7666

9.2012, 7.4771,
7.9934

264.9897,
256.8891, 278.1387

4.9308, 3.7622,
4.0030


316.7256,

2.2411, 1.5415,


308.5161, 334.1478


1.6270


374.7917,
366.6344, 397.2122


 0.7643, 0.3176,
0.3100


 0.0000, 0.0000,
0.0000


 67.0503, 61.9170,
66.8098


 67.0503, 61.9170,
66.8098


 60.0175, 51.1784,
54.2072


 75.2184, 74.5171,
81.0487

 54.0636, 42.2046,
43.1775

 84.5641, 89.0526,
96.9764

 49.1354, 34.9031,
33.6587

 90.4282, 97.6174,
108.6837

 45.1729, 29.1692,
25.5830

■ 42.1097, 24.8866,
18.8773

■ 39.8704, 21.9225,
13.4618

■ 38.3666, 20.1195,
9.2470

■ 37.4593, 19.2208,
6.1207

■ 37.4467, 19.2088,
6.0765

Harmonies

Analogous

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



66.0249, 61.9170, 78.7019



67.0503, 61.9170, 66.8098



65.7955, 61.9170, 56.3250

Triad

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



67.0503, 61.9170, 66.8098



54.8378, 61.9170, 50.0183



55.1900, 61.9170, 89.1764

Complementary

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



67.0503, 61.9170, 66.8098



68.2856, 80.6883, 86.8421

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.



52.4118, 61.9170, 79.8774



67.0503, 61.9170, 66.8098



52.2152, 61.9170, 57.2661

Square

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



67.0503, 61.9170, 66.8098



58.6378, 61.9170, 47.3503



51.3476, 61.9170, 68.0280



59.0632, 61.9170, 92.4770

Rectangle

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



67.0503, 61.9170, 66.8098



63.8669, 61.9170, 51.2999



51.3476, 61.9170, 68.0280



54.1034, 61.9170, 86.5993

Sweetspot

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



67.0520, 61.9198, 66.8111



88.5688, 89.9065, 97.8951



67.9540, 61.8203, 92.3560



18.8127, 19.0189, 20.7062



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.



67.0520, 61.9198, 66.8111



72.0078, 64.3628, 69.0120



68.4289, 66.9175, 60.3520



15.9348, 15.8236, 17.2131



20.1624, 10.3374, 3.5059



1.7159, 0.8754, 0.4948

Inverse Universe

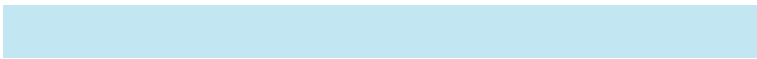
The Inverse Universe completely reimagines the original color for something new.



67.0520, 61.9198, 66.8111



72.0078, 64.3628, 69.0120



66.5741, 74.4757, 94.8715



15.9348, 15.8236, 17.2131



20.1624, 10.3374, 3.5059



1.7159, 0.8754, 0.4948

Previews

White Background



This preview shows how the XYZ color 67.0503, 61.9170, 66.8098 looks on a white background.

Color Contrast Check

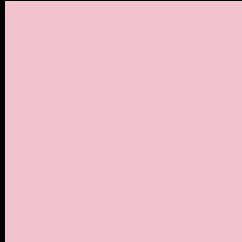
Large Text (above 18pt) WCAG AA × Fail

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 67.0503, 61.9170, 66.8098 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 67.0503, 61.9170, 66.8098

Background



This preview shows how black text looks on a background with the XYZ color 67.0503, 61.9170, 66.8098.



This preview shows how white text looks on a background with the XYZ color 67.0503, 61.9170,

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

67.0503, 61.9170, 66.8098

Protanopia

59.8540, 61.8766, 71.7395

Deuteranopia

63.3523, 62.0472, 66.3949



Tritanopia

67.4184, 62.0643, 68.7479

Trichromacy



Original Color

67.0503, 61.9170, 66.8098

Protanomaly

62.0347, 61.6421, 69.6013

Deuteranomaly

64.4922, 61.9517, 66.3164

Tritanomaly

67.2949, 62.0149, 68.0978

Monochromacy



Original Color

67.0503, 61.9170, 66.8098

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2257, 63.3188, 69.2110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0503, 61.9170, 66.8098 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, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 206)  
}
```

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, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.0503, 61.9170, 66.8098 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, 194, 206) }
```


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

```
.border{ border-color:rgb(242, 194, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0503, 61.9170, 66.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 206) }
```

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

```
.background{ background-color: rgb(242,  
194, 206) }
```

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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