

Converting Colors

XYZ(66.9313, 64.0750, 71.6083)

Have a look what the booklet for
XYZ(66.9313, 64.0750, 71.6083)
contains.

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Color

**XYZ(67.1578, 64.2396,
71.8107)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC9D5
RGB	235, 201, 213
RGB Percent	92%, 79%, 84%
CMY	0.0784, 0.2117, 0.1647
CMYK	0.00, 0.14, 0.09, 0.08
HSL	339°, 46%, 85%
HSV	339°, 14%, 92%
XYZ	67.1578, 64.2396, 71.8107
YIQ	212.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

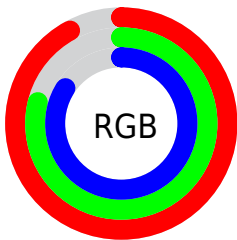
Format	Color
R _Y B	235, 201, 213
Decimal	15452629
CIE Lab	84.09, 13.91, -1.52
CIE LCh	84, 13.996, 353.765
Yxy	64.2396, 0.3305, 0.3161
Android (android.graphics.Color)	4293642709 (0xFFEBC9D5)
YUV	212.5340, 0.2297, 19.7027
Hunter-Lab	80.1496, 9.3043, 2.9834

Details

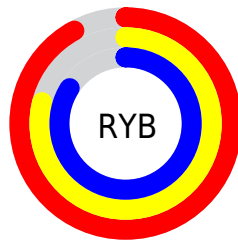
The XYZ color **67.1578, 64.2396, 71.8107** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.1175, 77.1634, 81.1722**, and the grayscale version is **62.9271, 66.2043, 72.0964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1957, 32.9198, 36.8469** is the 20% darker color. If you saturate the color by 10%, you get **60.2527, 53.3744, 60.4280**, and if you desaturate by 10%, it is **75.0857, 76.8590, 84.4289**.

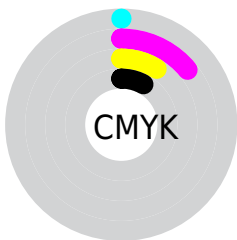
Distribution



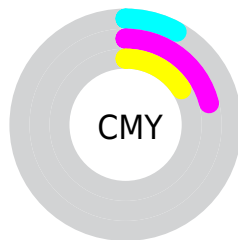
- Red (92%)
- Green (79%)
- Blue (84%)



- Red (92%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1578, 64.2396, 71.8107 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 67.1578, 64.2396, 71.8107 by changing the saturation by 10% instead.

67.1578, 64.2396,
71.8107

67.1578, 64.2396,
71.8107

439.9299,
440.0544, 485.8423

49.4840, 46.8448,
52.5182

114.1950,
110.9559, 123.4926

35.2197, 32.9130,
37.0332

144.2892,
141.0462, 156.7190

23.9995, 22.0598,
24.9372

179.2543,
176.1371, 195.4271

15.4580, 13.9008,
15.8117

219.4556,
216.6130, 240.0355

9.2298, 8.0517,
9.2381

265.2584,
262.8582, 290.9626

4.9497, 4.1281,
4.7979

317.0282,

2.2522, 1.7455,

315.2573, 348.6271

2.0725

375.1302,
374.1945, 413.4475

■ 0.7701, 0.4528,
0.5993

■ 0.0000, 0.0000,
0.0000

■ 67.1578, 64.2396,
71.8107

■ 67.1578, 64.2396,
71.8107

■ 60.2527, 53.3744,
60.4280

■ 75.0857, 76.8590,
84.4289

■ 54.3219, 44.1770,
50.2381

■ 84.0711, 91.2970,
98.3155

■ 49.3213, 36.5664,
41.2013

■ 88.0712, 96.4023,
108.5734

■ 45.2010, 30.4514,
33.2744

■ 41.9060, 25.7315,
26.4109

■ 39.3750, 22.2936,
20.5607

■ 37.5376, 20.0069,
15.6686

■ 36.3082, 18.7115,
11.6725

■ 35.8196, 18.2857,
9.8097

Harmonies

Analogous

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



65.9776, 64.2396, 80.4959



67.1578, 64.2396, 71.8107



66.6596, 64.2396, 63.3093

Triad

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



67.1578, 64.2396, 71.8107



58.6942, 64.2396, 55.4976



57.6121, 64.2396, 84.5912

Complementary

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



67.1578, 64.2396, 71.8107



67.1175, 77.1634, 81.1722

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.



55.7790, 64.2396, 77.0311



67.1578, 64.2396, 71.8107



56.3889, 64.2396, 60.3606

Square

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



67.1578, 64.2396, 71.8107



61.7055, 64.2396, 54.3550



55.3389, 64.2396, 68.1139



60.4147, 64.2396, 88.2651

Rectangle

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



67.1578, 64.2396, 71.8107



65.4508, 64.2396, 58.8219



55.3389, 64.2396, 68.1139



56.8660, 64.2396, 82.3909

Sweetspot

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



67.1596, 64.2424, 71.8121



90.8372, 93.2460, 102.3427



66.1721, 63.3885, 87.3454



19.2783, 19.6951, 21.6475



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.



67.1596, 64.2424, 71.8121



78.5538, 73.7153, 82.7227



66.7649, 65.8003, 64.4437



15.2850, 15.1418, 16.7860



19.9900, 10.1987, 5.7485



1.6139, 0.8185, 0.6844

Inverse Universe

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



67.1596, 64.2424, 71.8121



78.5538, 73.7153, 82.7227



67.5117, 75.2711, 89.5684



15.2850, 15.1418, 16.7860



19.9900, 10.1987, 5.7485



1.6139, 0.8185, 0.6844

Previews

White Background



This preview shows how the XYZ color 67.1578, 64.2396, 71.8107 looks on a white background.

Color Contrast Check

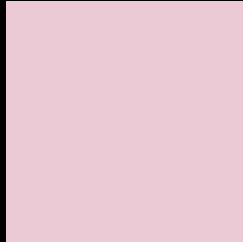
Large Text (above 18pt) WCAG AA × Fail

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 67.1578, 64.2396, 71.8107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

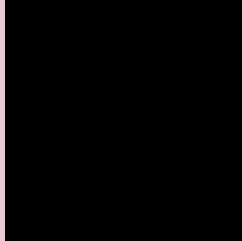
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1578, 64.2396, 71.8107

Background



This preview shows how black text looks on a background with the XYZ color 67.1578, 64.2396, 71.8107.



This preview shows how white text looks on a background with the XYZ color 67.1578, 64.2396,

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

67.1578, 64.2396, 71.8107

Protanopia

62.3193, 64.5118, 75.4971

Deuteranopia

65.6793, 64.1740, 71.8759



Tritanopia

67.3099, 63.9286, 73.7576

Trichromacy



Original Color

67.1578, 64.2396, 71.8107

Protanomaly

63.9812, 64.3161, 74.0078

Deuteranomaly

66.0858, 64.0341, 71.8275

Tritanomaly

67.1810, 63.8770, 73.0787

Monochromacy



Original Color

67.1578, 64.2396, 71.8107

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.6295, 65.7772, 72.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1578, 64.2396, 71.8107 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(235, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 201, 213)  
}
```

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(235, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.1578, 64.2396, 71.8107 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(235, 201, 213) }
```


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

```
.border{ border-color:rgb(235, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1578, 64.2396, 71.8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 201, 213) }
```

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

```
.background{ background-color: rgb(235,  
201, 213) }
```

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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