

Converting Colors

XYZ(67.3408, 64.5685, 70.6225)

Have a look what the booklet for
XYZ(67.3408, 64.5685, 70.6225)
contains.

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Color

**XYZ(67.4705, 64.7771,
70.5752)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCAD3
RGB	236, 202, 211
RGB Percent	93%, 79%, 83%
CMY	0.0745, 0.2078, 0.1725
CMYK	0.00, 0.14, 0.11, 0.07
HSL	344°, 47%, 86%
HSV	344°, 14%, 93%
XYZ	67.4705, 64.7771, 70.5752
YIQ	213.1920, 17.3750, 10.0070

Conversions

Conversions Part 2

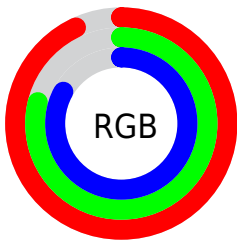
Format	Color
R _Y B	236, 202, 211
Decimal	15518419
CIE Lab	84.37, 13.40, -0.04
CIE LCh	84, 13.404, 359.846
Yxy	64.7771, 0.3327, 0.3194
Android (android.graphics.Color)	4293708499 (0xFFECCAD3)
YUV	213.1920, -1.0807, 20.0026
Hunter-Lab	80.4842, 8.7904, 4.3486

Details

The XYZ color **67.4705, 64.7771, 70.5752** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2203, 78.0952, 84.1551**, and the grayscale version is **63.3747, 66.6751, 72.6092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4981, 33.3174, 36.4582** is the 20% darker color. If you saturate the color by 10%, you get **60.2916, 53.7146, 58.0212**, and if you desaturate by 10%, it is **75.7348, 77.6328, 84.6515**.

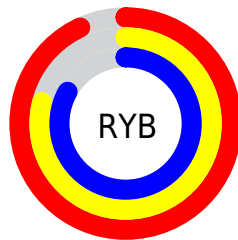
Distribution



Red (93%)

Green (79%)

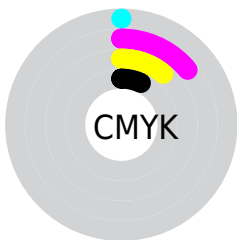
Blue (83%)



Red (93%)

Yellow (79%)

Blue (83%)

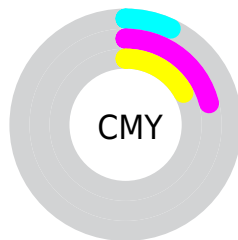


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4705, 64.7771, 70.5752 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 67.4705, 64.7771, 70.5752 by changing the saturation by 10% instead.

67.4705, 64.7771,
70.5752

67.4705, 64.7771,
70.5752

441.0239,
441.9905, 481.4106

49.7392, 47.2804,
51.5159

114.6404,
111.7293, 121.7175

35.4232, 33.2573,
36.2398

144.8097,
141.9536, 154.6375

24.1571, 22.3237,
24.3283

179.8557,
177.1892, 193.0149

15.5755, 14.0949,
15.3629

220.1438,
217.8205, 237.2681

9.3132, 8.1867,
8.9250

266.0393,
264.2319, 287.8158

5.0048, 4.2147,
4.5962

317.9076,

2.2849, 1.7943,

316.8078, 345.0764

1.9578

376.1140,
375.9325, 409.4685

■ 0.7869, 0.4836,
0.5291

■ 0.0000, 0.0000,
0.0000

■ 67.4705, 64.7771,
70.5752

■ 67.4705, 64.7771,
70.5752

■ 60.2916, 53.7146,
58.0212

■ 75.7348, 77.6328,
84.6515

■ 54.1467, 44.3572,
46.9335

■ 85.1221, 92.3479,
100.2954

■ 48.9888, 36.6218,
37.2586

■ 88.4024, 96.5730,
108.5889

■ 44.7645, 30.4155,
28.9380

■ 41.4155, 25.6355,
21.9091

■ 38.8766, 22.1662,
16.1038

■ 37.0728, 19.8740,
11.4473

■ 35.9139, 18.5961,
7.8550

■ 35.4743, 18.1858,
6.2630

Harmonies

Analogous

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



66.6508, 64.7771, 79.0884



67.4705, 64.7771, 70.5752



66.6669, 64.7771, 62.6850

Triad

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



67.4705, 64.7771, 70.5752



58.7643, 64.7771, 57.2494



58.7386, 64.7771, 85.6732

Complementary

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



67.4705, 64.7771, 70.5752



68.2203, 78.0952, 84.1551

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.



56.7372, 64.7771, 79.0063



67.4705, 64.7771, 70.5752



56.7518, 64.7771, 62.6147

Square

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



67.4705, 64.7771, 70.5752



61.5840, 64.7771, 55.3786



56.0215, 64.7771, 70.4873



61.5533, 64.7771, 88.2228

Rectangle

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



67.4705, 64.7771, 70.5752



65.3331, 64.7771, 58.7315



56.0215, 64.7771, 70.4873



57.9517, 64.7771, 83.8142

Sweetspot

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



67.4723, 64.7800, 70.5766



90.6976, 93.1901, 101.6073



67.9206, 64.6203, 88.2509



19.2430, 19.6810, 21.4618



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.



67.4723, 64.7800, 70.5766



78.0317, 73.5064, 79.9732



68.2850, 68.1601, 65.4378



15.2291, 15.1195, 16.4918



19.5994, 10.0425, 3.6919



1.5777, 0.8040, 0.4936

Inverse Universe

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



67.4723, 64.7800, 70.5766



78.0317, 73.5064, 79.9732



67.2615, 74.1382, 90.1227



15.2291, 15.1195, 16.4918



19.5994, 10.0425, 3.6919



1.5777, 0.8040, 0.4936

Previews

White Background



This preview shows how the XYZ color 67.4705, 64.7771, 70.5752 looks on a white background.

Color Contrast Check

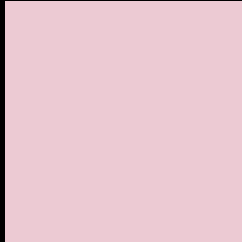
Large Text (above 18pt) WCAG AA × Fail

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 67.4705, 64.7771, 70.5752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

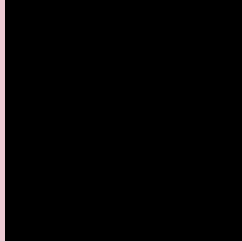
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4705, 64.7771, 70.5752

Background



This preview shows how black text looks on a background with the XYZ color 67.4705, 64.7771, 70.5752.



This preview shows how white text looks on a background with the XYZ color 67.4705, 64.7771,

70.5752.

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

67.4705, 64.7771, 70.5752

Protanopia

62.7529, 65.1456, 73.5569

Deuteranopia

66.3057, 64.8778, 70.6560



Tritanopia

68.3361, 64.7876, 74.5492

Trichromacy



Original Color

67.4705, 64.7771, 70.5752

Protanomaly

64.2692, 64.8528, 72.7488

Deuteranomaly

66.7181, 64.7387, 70.6074

Tritanomaly

68.0774, 64.6841, 73.1872

Monochromacy



Original Color

67.4705, 64.7771, 70.5752

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.5029, 65.7265, 71.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4705, 64.7771, 70.5752 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(236, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(236, 202, 211)  
}
```

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(236, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 202, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.4705, 64.7771, 70.5752 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(236, 202, 211) }
```


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

```
.border{ border-color:rgb(236, 202, 211) }
```

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

Here you see how a box with a 4 pixel rgb(236, 202, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 202, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 202, 211);  
box-shadow:4px 4px 4px 4px rgb(236, 202,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4705, 64.7771, 70.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 202, 211) }
```

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

```
.background{ background-color: rgb(236,  
202, 211) }
```

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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