

Converting Colors

XYZ(67.8558, 65.0195, 65.0659)

Have a look what the booklet for
XYZ(67.8558, 65.0195, 65.0659)
contains.

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Color

**XYZ(67.7164, 65.0306,
64.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CACA
RGB	240, 202, 202
RGB Percent	94%, 79%, 79%
CMY	0.0588, 0.2078, 0.2078
CMYK	0.00, 0.16, 0.16, 0.06
HSL	0°, 56%, 87%
HSV	0°, 16%, 94%
XYZ	67.7164, 65.0306, 64.8602
YIQ	213.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

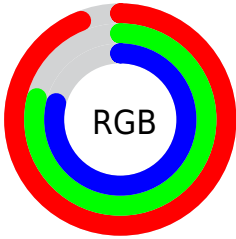
Format	Color
R _Y B	240, 202, 202
Decimal	15780554
CIE _{Lab}	84.50, 13.38, 4.99
CIE _{LCh}	84, 14.283, 20.464
Y _{xy}	65.0306, 0.3427, 0.3291
Android (android.graphics.Color)	4293970634 (0xFFFF0CACA)
Y _{UV}	213.3620, -5.6015, 23.3615
Hunter-Lab	80.6416, 8.7675, 8.7620

Details

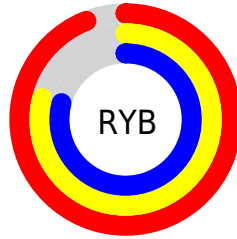
The XYZ color **67.7164, 65.0306, 64.8602** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2449, 81.1662, 94.3504**, and the grayscale version is **63.5154, 66.8231, 72.7704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7024, 33.5083, 32.6030** is the 20% darker color. If you saturate the color by 10%, you get **59.8936, 53.5840, 49.3062**, and if you desaturate by 10%, it is **76.8603, 78.4109, 83.0364**.

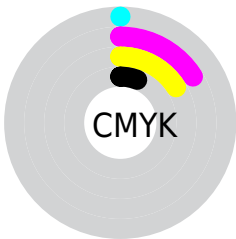
Distribution



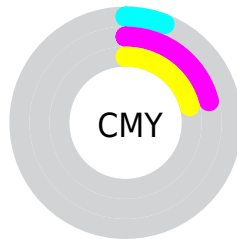
- Red (94%)
- Green (79%)
- Blue (79%)



- Red (94%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7164, 65.0306, 64.8602 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 67.7164, 65.0306, 64.8602 by changing the saturation by 10% instead.


 67.7164, 65.0306,
64.8602

 67.7164, 65.0306,
64.8602


441.8830,
442.9019, 460.5819

 49.9399, 47.4859,
46.8971


114.9905,
112.0939, 113.4602

 35.5832, 33.4199,
32.6006


145.2188,
142.3812, 144.9342

 24.2811, 22.4483,
21.5520


180.3283,
177.6848, 181.7489

 15.6681, 14.1867,
13.3329

220.6845,
218.3892, 224.3228

 9.3790, 8.2506,
7.5248

266.6528,
264.8787, 273.0745

 5.0483, 4.2557,
3.7090

318.5984,

 2.3107, 1.8176,

317.5378, 328.4226

1.4671

376.8867,
376.7507, 390.7855

■ 0.8001, 0.4981,
0.1933

■ 0.0000, 0.0000,
0.0000

■ 67.7164, 65.0306,
64.8602

■ 67.7164, 65.0306,
64.8602

■ 59.8936, 53.5840,
49.3062

■ 76.8603, 78.4109,
83.0364

■ 53.3258, 43.9734,
36.2495

■ 87.3768, 93.7991,
103.9436

■ 47.9493, 36.1061,
25.5615

■ 89.7455, 97.2654,
108.6518

■ 43.6928, 29.8775,
17.1000

■ 40.4772, 25.1721,
10.7081

■ 38.2134, 21.8592,
6.2083

■ 36.7970, 19.7864,
3.3932

■ 36.0991, 18.7650,
2.0066

■ 35.9358, 18.5260,
1.6819

Harmonies

Analogous

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



68.0372, 65.0306, 73.7477



67.7164, 65.0306, 64.8602



65.7837, 65.0306, 58.1436

Triad

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



67.7164, 65.0306, 64.8602



57.2133, 65.0306, 60.2360



60.8023, 65.0306, 89.5167

Complementary

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



67.7164, 65.0306, 64.8602



71.2449, 81.1662, 94.3504

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.



57.9989, 65.0306, 85.1878



67.7164, 65.0306, 64.8602



55.9742, 65.0306, 67.9460

Square

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



67.7164, 65.0306, 64.8602



59.6966, 65.0306, 55.6370



56.2568, 65.0306, 77.1072



63.9719, 65.0306, 88.5113

Rectangle

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



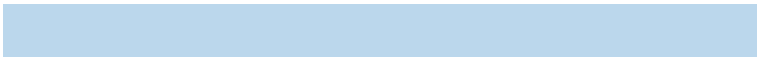
67.7164, 65.0306, 64.8602



63.8767, 65.0306, 55.5543



56.2568, 65.0306, 77.1072



59.7877, 65.0306, 88.6240

Sweetspot

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



67.7182, 65.0335, 64.8616



89.1316, 91.3399, 97.1340



72.7846, 67.0584, 91.5462



18.9067, 19.3000, 20.4504



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.



67.7182, 65.0335, 64.8616



74.6528, 70.1536, 68.3498



72.4531, 74.5033, 66.4399



15.7730, 15.7592, 16.3602



19.6717, 10.1415, 0.9207



1.6366, 0.8438, 0.0766

Inverse Universe

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



71.2449, 81.1662, 94.3504



79.4148, 91.9371, 108.1678



65.9426, 70.5616, 92.5830



16.2473, 17.9287, 20.3259



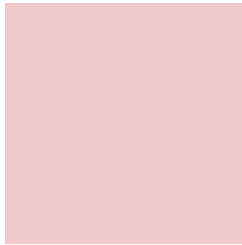
25.6630, 37.5502, 51.0232



2.1350, 3.1239, 4.2447

Previews

White Background



This preview shows how the XYZ color 67.7164, 65.0306, 64.8602 looks on a white background.

Color Contrast Check

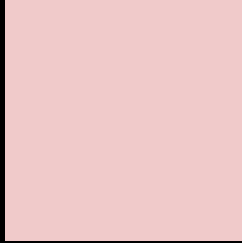
Large Text (above 18pt) WCAG AA × Fail

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 67.7164, 65.0306, 64.8602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

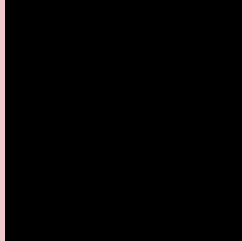
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7164, 65.0306, 64.8602

Background



This preview shows how black text looks on a background with the XYZ color 67.7164, 65.0306, 64.8602.



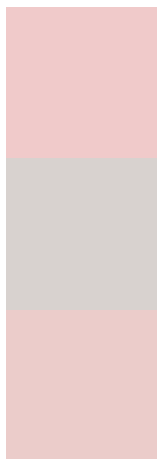
This preview shows how white text looks on a background with the XYZ color 67.7164, 65.0306,

64.8602.

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

67.7164, 65.0306, 64.8602

Protanopia

62.6280, 65.1971, 68.3149

Deuteranopia

66.5145, 65.1122, 64.9393



Tritanopia

69.5380, 65.0921, 73.1890

Trichromacy



Original Color

67.7164, 65.0306, 64.8602

Protanomaly

64.3836, 65.0410, 66.9184

Deuteranomaly

66.9417, 64.9807, 64.8914

Tritanomaly

68.7951, 65.1272, 69.9177

Monochromacy



Original Color

67.7164, 65.0306, 64.8602

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.7405, 65.8924, 69.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7164, 65.0306, 64.8602 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(240, 202, 202) looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 202)  
}
```

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(240, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 202) }
```

Border

The CSS property to change the border of an element to XYZ 67.7164, 65.0306, 64.8602 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(240, 202, 202) }
```


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

```
.border{ border-color:rgb(240, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 202,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7164, 65.0306, 64.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 202) }
```

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

```
.background{ background-color: rgb(240,  
202, 202) }
```

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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