

Converting Colors

XYZ(67.9795, 64.4089, 70.0060)

Have a look what the booklet for
XYZ(67.9795, 64.4089, 70.0060)
contains.

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Color

**XYZ(67.8837, 64.3124,
69.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC8D2
RGB	239, 200, 210
RGB Percent	94%, 78%, 82%
CMY	0.0627, 0.2157, 0.1765
CMYK	0.00, 0.16, 0.12, 0.06
HSL	345°, 55%, 86%
HSV	345°, 16%, 94%
XYZ	67.8837, 64.3124, 69.8084
YIQ	212.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

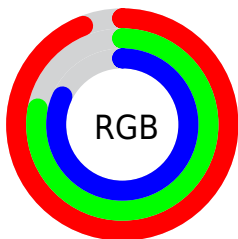
Format	Color
R_{YB}	239, 200, 210
Decimal	15714514
CIE _{Lab}	84.13, 15.35, 0.18
CIE _{LCh}	84, 15.351, 0.666
Yxy	64.3124, 0.3361, 0.3184
Android (android.graphics.Color)	4293904594 (0xFFEFC8D2)
YUV	212.8010, -1.3809, 22.9765
Hunter-Lab	80.1950, 10.7559, 4.5256

Details

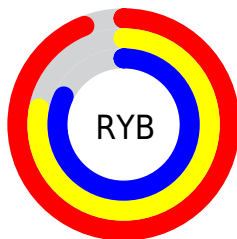
The XYZ color **67.8837, 64.3124, 69.8084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8313, 79.6711, 85.8828**, and the grayscale version is **63.1139, 66.4008, 72.3104**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8081, 33.0253, 35.9397** is the 20% darker color. If you saturate the color by 10%, you get **60.6826, 53.2588, 57.0831**, and if you desaturate by 10%, it is **76.1996, 77.2005, 84.1202**.

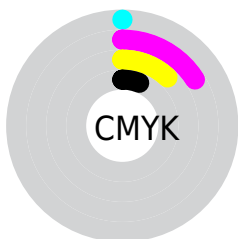
Distribution



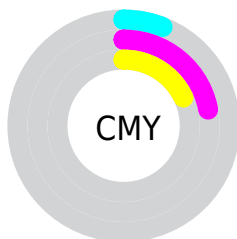
- Red (94%)
- Green (78%)
- Blue (82%)



- Red (94%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8837, 64.3124, 69.8084 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 67.8837, 64.3124, 69.8084 by changing the saturation by 10% instead.

67.8837, 64.3124,
69.8084

67.8837, 64.3124,
69.8084

442.4670,
440.3169, 478.6479

50.0765, 46.9037,
50.8945

115.2286,
111.0607, 120.6140

35.6922, 32.9596,
35.7485

145.4969,
141.1692, 153.3429

24.3656, 22.0955,
23.9519

180.6497,
176.2797, 191.5137

15.7312, 13.9271,
15.0861

221.0522,
216.7767, 235.5452

9.4238, 8.0700,
8.7325

267.0698,
263.0445, 285.8558

5.0779, 4.1397,
4.4727

319.0679,

2.3283, 1.7520,

315.4675, 342.8641

1.8881

377.4119,
374.4302, 406.9886

■ 0.8091, 0.4570,
0.4851

■ 0.0000, 0.0000,
0.0000

■ 67.8837, 64.3124,
69.8084

■ 67.8837, 64.3124,
69.8084

■ 60.6826, 53.2588,
57.0831

■ 76.1996, 77.2005,
84.1202

■ 54.5428, 43.9478,
45.8848

■ 85.6700, 91.9925,
100.0672

■ 49.4145, 36.2924,
36.1559

■ 89.4069, 97.0909,
108.6359

■ 45.2415, 30.1946,
27.8338

■ 41.9620, 25.5462,
20.8510

■ 39.5068, 22.2247,
15.1341

■ 37.7956, 20.0875,
10.6019

■ 36.7301, 18.9571,
7.1618

■ 36.4463, 18.6906,
6.1388

Harmonies

Analogous

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



66.9912, 64.3124, 79.5809



67.8837, 64.3124, 69.8084



66.9107, 64.3124, 60.9236

Triad

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



67.8837, 64.3124, 69.8084



57.8603, 64.3124, 55.1554



57.9870, 64.3124, 87.6048

Complementary

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



67.8837, 64.3124, 69.8084



68.8313, 79.6711, 85.8828

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.



55.6866, 64.3124, 79.9911



67.8837, 64.3124, 69.8084



55.6154, 64.3124, 61.2669

Square

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



67.8837, 64.3124, 69.8084



61.0512, 64.3124, 52.9583



54.8342, 64.3124, 70.2426



61.2028, 64.3124, 90.4137

Rectangle

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



67.8837, 64.3124, 69.8084



65.3551, 64.3124, 56.5481



54.8342, 64.3124, 70.2426



57.0853, 64.3124, 85.4898

Sweetspot

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



67.8855, 64.3153, 69.8098



89.6273, 91.5375, 99.7462



68.4220, 64.1359, 90.4353



19.0266, 19.3479, 21.0827



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.



67.8855, 64.3153, 69.8098



75.3667, 69.4593, 75.1300



68.8490, 68.1735, 64.1771



15.9391, 15.8253, 17.2353



20.1858, 10.3468, 3.6291



1.7184, 0.8764, 0.5077

Inverse Universe

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



67.8855, 64.3153, 69.8098



75.3667, 69.4593, 75.1300



67.6706, 75.0513, 92.5817



15.9391, 15.8253, 17.2353



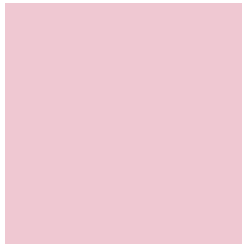
20.1858, 10.3468, 3.6291



1.7184, 0.8764, 0.5077

Previews

White Background



This preview shows how the XYZ color 67.8837, 64.3124, 69.8084 looks on a white background.

Color Contrast Check

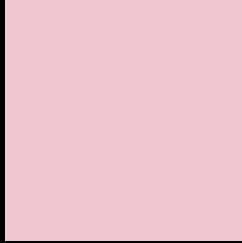
Large Text (above 18pt) WCAG AA × Fail

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 67.8837, 64.3124, 69.8084 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 67.8837, 64.3124, 69.8084

Background



This preview shows how black text looks on a background with the XYZ color 67.8837, 64.3124, 69.8084.



This preview shows how white text looks on a background with the XYZ color 67.8837, 64.3124,

69.8084.

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

67.8837, 64.3124, 69.8084

Protanopia

62.2176, 64.5043, 73.4613

Deuteranopia

65.4977, 64.1383, 69.2494



Tritanopia

68.6243, 64.2784, 73.0801

Trichromacy



Original Color

67.8837, 64.3124, 69.8084

Protanomaly

64.2057, 64.4763, 72.0120

Deuteranomaly

66.2334, 64.1681, 69.2164

Tritanomaly

68.3688, 64.1762, 71.7346

Monochromacy



Original Color

67.8837, 64.3124, 69.8084

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.5637, 65.3948, 71.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8837, 64.3124, 69.8084 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(239, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(239, 200, 210)  
}
```

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(239, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 200, 210) }
```

Border

The CSS property to change the border of an element to XYZ 67.8837, 64.3124, 69.8084 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(239, 200, 210) }
```


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

```
.border{ border-color:rgb(239, 200, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 200, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(239, 200,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8837, 64.3124, 69.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 200, 210) }
```

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

```
.background{ background-color: rgb(239,  
200, 210) }
```

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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