

Converting Colors

XYZ(69.4258, 67.1965, 70.9391)

Have a look what the booklet for
XYZ(69.4258, 67.1965, 70.9391)
contains.

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Color

**XYZ(69.4258, 67.1965,
70.9391)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCED3
RGB	239, 206, 211
RGB Percent	94%, 81%, 83%
CMY	0.0627, 0.1921, 0.1725
CMYK	0.00, 0.14, 0.12, 0.06
HSL	351°, 51%, 87%
HSV	351°, 14%, 94%
XYZ	69.4258, 67.1965, 70.9391
YIQ	216.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

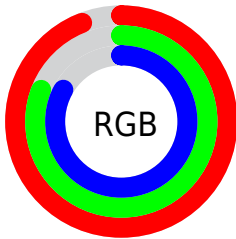
Format	Color
R _Y B	239, 206, 211
Decimal	15716051
CIE Lab	85.60, 12.35, 1.80
CIE LCh	86, 12.481, 8.270
Yxy	67.1965, 0.3345, 0.3237
Android (android.graphics.Color)	4293906131 (0xFFEFCED3)
YUV	216.4370, -2.6804, 19.7878
Hunter-Lab	81.9735, 7.7234, 6.0724

Details

The XYZ color **69.4258, 67.1965, 70.9391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1740, 80.7970, 89.6900**, and the grayscale version is **65.5789, 68.9941, 75.1346**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8425, 34.9581, 36.7041** is the 20% darker color. If you saturate the color by 10%, you get **61.7197, 55.5993, 56.6076**, and if you desaturate by 10%, it is **78.3314, 80.6776, 87.2548**.

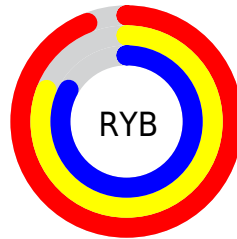
Distribution



Red (94%)

Green (81%)

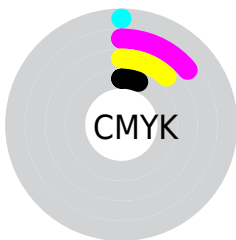
Blue (83%)



Red (94%)

Yellow (81%)

Blue (83%)

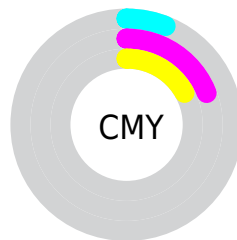


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (6%)



Cyan (6%)

Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4258, 67.1965, 70.9391 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 69.4258, 67.1965, 70.9391 by changing the saturation by 10% instead.

69.4258, 67.1965,
70.9391

69.4258, 67.1965,
70.9391

447.8292,
450.6439, 482.7184

51.3365, 49.2443,
51.8110

117.4203,
115.2019, 122.2407

36.6986, 34.8133,
36.4732

148.0561,
146.0240, 155.2512

25.1468, 23.5191,
24.5073

183.6049,
181.9048, 193.7262

16.3158, 14.9773,
15.4947

224.4318,
223.2287, 238.0843

9.8401, 8.8035,
9.0168

270.9024,
270.3802, 288.7441

5.3545, 4.6132,
4.6552

323.3819,

2.4936, 2.0222,

323.7437, 346.1240

1.9912

382.2358,
383.7034, 410.6426

■ 0.8920, 0.6203,
0.5499

■ 0.0000, 0.0000,
0.0000

■ 69.4258, 67.1965,
70.9391

■ 69.4258, 67.1965,
70.9391

■ 61.7197, 55.5993,
56.6076

■ 78.3314, 80.6776,
87.2548

■ 55.1562, 45.7937,
44.1801

■ 88.4789, 96.1121,
105.6221

■ 49.6820, 37.6927,
33.5774

■ 89.4069, 97.0909,
108.6359

■ 45.2376, 31.1988,
24.7130

■ 41.7576, 26.2044,
17.4933

■ 39.1690, 22.5889,
11.8158

■ 37.3880, 20.2127,
7.5662

■ 36.3141, 18.9067,
4.6135

■ 35.9182, 18.4794,
3.3578

Harmonies

Analogous

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



69.0762, 67.1965, 79.1095



69.4258, 67.1965, 70.9391



68.2519, 67.1965, 63.9007

Triad

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



69.4258, 67.1965, 70.9391



60.5455, 67.1965, 61.5618



61.8679, 67.1965, 88.6754

Complementary

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



69.4258, 67.1965, 70.9391



71.1740, 80.7970, 89.6900

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.



59.6764, 67.1965, 83.2853



69.4258, 67.1965, 70.9391



58.9289, 67.1965, 67.5271

Square

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



69.4258, 67.1965, 70.9391



63.0860, 67.1965, 58.7552



58.6155, 67.1965, 75.4381



64.6569, 67.1965, 89.7582

Rectangle

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



69.4258, 67.1965, 70.9391



66.7833, 67.1965, 60.6542



58.6155, 67.1965, 75.4381



61.0393, 67.1965, 87.2890

Sweetspot

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



69.4277, 67.1995, 70.9405



90.5194, 93.1189, 100.6690



71.4212, 67.7856, 90.9818



19.1981, 19.6630, 21.2252



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.



69.4277, 67.1995, 70.9405



77.3789, 73.2453, 76.5357



71.5521, 72.4353, 68.6064



15.8703, 15.7978, 16.8734



19.8787, 10.2239, 2.0117



1.6830, 0.8623, 0.3216

Inverse Universe

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



69.4277, 67.1995, 70.9405



77.3789, 73.2453, 76.5357



68.7794, 74.8429, 92.4832



15.8703, 15.7978, 16.8734



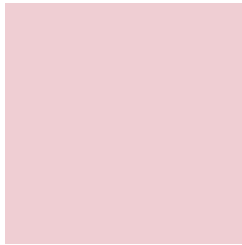
19.8787, 10.2239, 2.0117



1.6830, 0.8623, 0.3216

Previews

White Background



This preview shows how the XYZ color 69.4258, 67.1965, 70.9391 looks on a white background.

Color Contrast Check

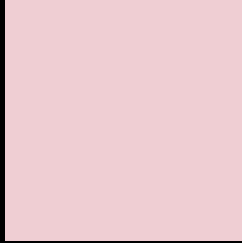
Large Text (above 18pt) WCAG AA × Fail

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 69.4258, 67.1965, 70.9391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

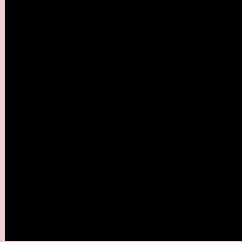
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4258, 67.1965, 70.9391

Background



This preview shows how black text looks on a background with the XYZ color 69.4258, 67.1965, 70.9391.



This preview shows how white text looks on a background with the XYZ color 69.4258, 67.1965,

70.9391.

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

69.4258, 67.1965, 70.9391

Protanopia

64.9734, 67.4002, 73.8751

Deuteranopia

68.6628, 67.1617, 70.9726



Tritanopia

70.6848, 67.3552, 76.9855

Trichromacy



Original Color

69.4258, 67.1965, 70.9391

Protanomaly

66.5482, 67.1170, 73.0657

Deuteranomaly

68.9957, 67.3333, 70.9882

Tritanomaly

70.2909, 67.1977, 74.9114

Monochromacy



Original Color

69.4258, 67.1965, 70.9391

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.4216, 67.7893, 73.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4258, 67.1965, 70.9391 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, 206, 211)` looks like.

```
.text, #text, p{  
    color:rgb(239, 206, 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(239, 206, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 206, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.4258, 67.1965, 70.9391 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, 206, 211) }
```


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

```
.border{ border-color:rgb(239, 206, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 206, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(239, 206,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4258, 67.1965, 70.9391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 206, 211) }
```

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

```
.background{ background-color: rgb(239,  
206, 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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