

Converting Colors

XYZ(67.6267, 66.6907, 67.3465)

Have a look what the booklet for
XYZ(67.6267, 66.6907, 67.3465)
contains.

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Color

**XYZ(67.5932, 66.6956,
67.0686)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EBCFCD |
| RGB | 235, 207, 205 |
| RGB Percent | 92%, 81%, 80% |
| CMY | 0.0784, 0.1882, 0.1961 |
| CMYK | 0.00, 0.12, 0.13, 0.08 |
| HSL | 4°, 43%, 86% |
| HSV | 4°, 13%, 92% |
| XYZ | 67.5932, 66.6956, 67.0686 |
| YIQ | 215.1440, 17.3300, 5.3140 |

Conversions

Conversions Part 2

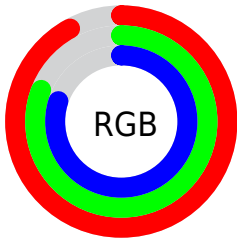
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 207, 205 |
| Decimal | 15454157 |
| CIE Lab | 85.35, 9.44, 4.57 |
| CIE LCh | 85, 10.493, 25.828 |
| Yxy | 66.6956, 0.3357, 0.3312 |
| Android (android.graphics.Color) | 4293644237 (0xFFEBCFCD) |
| YUV | 215.1440, -5.0010, 17.4137 |
| Hunter-Lab | 81.6674, 4.8202, 8.4758 |

Details

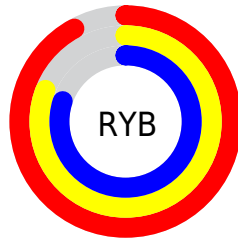
The XYZ color **67.5932, 66.6956, 67.0686** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3107, 77.2535, 89.8562**, and the grayscale version is **64.7150, 68.0852, 74.1448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5676, 34.6005, 34.0821** is the 20% darker color. If you saturate the color by 10%, you get **60.0181, 55.7487, 51.5836**, and if you desaturate by 10%, it is **76.3361, 79.2947, 85.0464**.

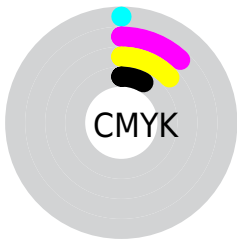
Distribution



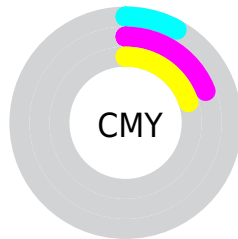
- Red (92%)
- Green (81%)
- Blue (80%)



- Red (92%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5932, 66.6956, 67.0686 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 67.5932, 66.6956, 67.0686 by changing the saturation by 10% instead.

67.5932, 66.6956,
67.0686

67.5932, 66.6956,
67.0686

441.4527,
448.8605, 468.6971

49.8393, 48.8373,
48.6784

114.8151,
114.4841, 116.6603

35.5030, 34.4904,
34.0007

145.0138,
145.1831, 148.6989

24.2189, 23.2706,
22.6167

180.0916,
180.9312, 186.1240

15.6217, 14.7935,
14.1081

220.4137,
222.1126, 229.3543

9.3460, 8.6746,
8.0563

266.3455,
269.1119, 278.8082

5.0265, 4.5295,
4.0427

318.2524,

2.2977, 1.9740,

322.3134, 334.9042

1.6488

376.4996,
382.1014, 398.0610

■ 0.7935, 0.5923,
0.3253

■ 0.0000, 0.0000,
0.0000

■ 67.5932, 66.6956,
67.0686

■ 67.5932, 66.6956,
67.0686

■ 60.0181, 55.7487,
51.5836

■ 76.3361, 79.2947,
85.0464

■ 53.5559, 46.3771,
38.4773

■ 86.2875, 93.6013,
105.6158

■ 48.1560, 38.5109,
27.6332

■ 88.0712, 96.4023,
108.5734

■ 43.7614, 32.0717,
18.9232

■ 40.3097, 26.9739,
12.2065

■ 37.7317, 23.1225,
7.3250

■ 35.9486, 20.4105,
4.0974

■ 34.8673, 18.7125,
2.3045

■ 34.4421, 18.0241,
1.6637

Harmonies

Analogous

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



68.0579, 66.6956, 73.5761



67.5932, 66.6956, 67.0686



65.9926, 66.6956, 62.3257

Triad

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



67.5932, 66.6956, 67.0686



59.6876, 66.6956, 65.5174



63.0604, 66.6956, 86.4643

Complementary

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



67.5932, 66.6956, 67.0686



69.3107, 77.2535, 89.8562

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.



60.8610, 66.6956, 83.9901



67.5932, 66.6956, 67.0686



58.9447, 66.6956, 71.6726

Square

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



67.5932, 66.6956, 67.0686



61.4229, 66.6956, 61.4701



59.3689, 66.6956, 78.4699



65.4031, 66.6956, 85.0431

Rectangle

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



67.5932, 66.6956, 67.0686



64.5171, 66.6956, 60.6606



59.3689, 66.6956, 78.4699



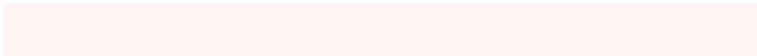
62.2804, 66.6956, 86.0566

Sweetspot

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



67.5950, 66.6986, 67.0700



90.4892, 93.4369, 99.4920



70.8010, 67.2089, 86.3324



19.1904, 19.7431, 20.9287



0.0000, 0.0000, 0.0000



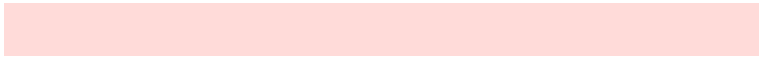
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5950, 66.6986, 67.0700



79.1432, 77.0793, 76.1818



71.4024, 74.3133, 68.3391



15.1463, 15.2155, 15.6573



19.2004, 10.0951, 0.9366



1.5361, 0.8495, 0.0830

Inverse Universe

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



69.3107, 77.2535, 89.8562



81.5412, 91.8338, 108.0358



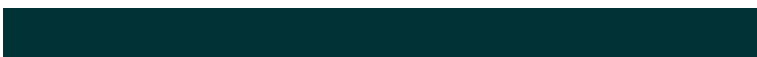
65.2445, 69.1210, 88.5008



15.4265, 16.9395, 19.3788



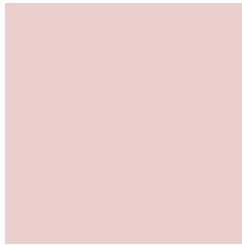
22.5251, 31.6972, 48.6739



1.7948, 2.5410, 3.8307

Previews

White Background



This preview shows how the XYZ color 67.5932, 66.6956, 67.0686 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 67.5932, 66.6956, 67.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

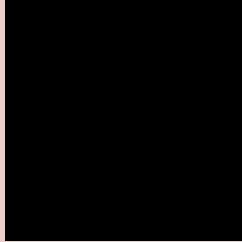
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5932, 66.6956, 67.0686

Background



This preview shows how black text looks on a background with the XYZ color 67.5932, 66.6956, 67.0686.



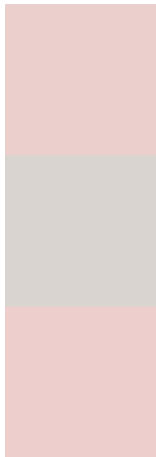
This preview shows how white text looks on a background with the XYZ color 67.5932, 66.6956,

67.0686.

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

67.5932, 66.6956, 67.0686

Protanopia

63.8421, 66.5465, 69.1544

Deuteranopia

68.0158, 66.5549, 67.0192



Tritanopia

69.8075, 66.8876, 77.6380

Trichromacy



Original Color

67.5932, 66.6956, 67.0686

Protanomaly

65.0495, 66.4455, 68.4283

Deuteranomaly

67.6828, 66.3833, 67.0036

Tritanomaly

68.9291, 66.8818, 73.5665

Monochromacy



Original Color

67.5932, 66.6956, 67.0686

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4256, 67.3197, 71.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5932, 66.6956, 67.0686 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, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 205)  
}
```

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, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 67.5932, 66.6956, 67.0686 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, 207, 205) }
```


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

```
.border{ border-color:rgb(235, 207, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5932, 66.6956, 67.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 205) }
```

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

```
.background{ background-color: rgb(235,  
207, 205) }
```

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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