

Converting Colors

XYZ(67.8208, 65.9626, 63.1605)

Have a look what the booklet for
XYZ(67.8208, 65.9626, 63.1605)
contains.

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Color

**XYZ(67.8368, 65.8345,
63.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CCC7
RGB	240, 204, 199
RGB Percent	94%, 80%, 78%
CMY	0.0588, 0.2000, 0.2196
CMYK	0.00, 0.15, 0.17, 0.06
HSL	7°, 58%, 86%
HSV	7°, 17%, 94%
XYZ	67.8368, 65.8345, 63.1648
YIQ	214.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

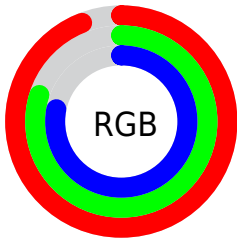
Format	Color
R _Y B	240, 205, 199
Decimal	15781063
CIE Lab	84.91, 11.87, 7.18
CIE LCh	85, 13.873, 31.187
Yxy	65.8345, 0.3446, 0.3345
Android (android.graphics.Color)	4293971143 (0xFFFF0CCC7)
YUV	214.1940, -7.4906, 22.6319
Hunter-Lab	81.1385, 7.2448, 10.6407

Details

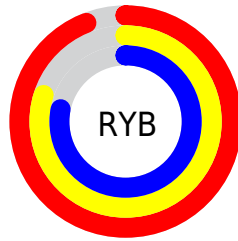
The XYZ color **67.8368, 65.8345, 63.1648** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9891, 77.8481, 93.8286**, and the grayscale version is **64.0866, 67.4241, 73.4248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7843, 34.0474, 31.4738** is the 20% darker color. If you saturate the color by 10%, you get **60.5935, 55.4608, 48.0696**, and if you desaturate by 10%, it is **76.2008, 77.7449, 80.8032**.

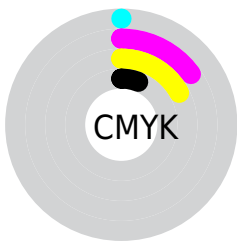
Distribution



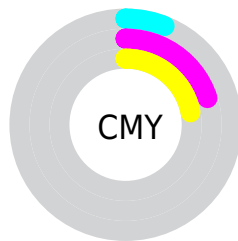
- Red (94%)
- Green (80%)
- Blue (78%)



- Red (94%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8368, 65.8345, 63.1648 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 67.8368, 65.8345, 63.1648 by changing the saturation by 10% instead.


 67.8368, 65.8345,
63.1648

 67.8368, 65.8345,
63.1648


442.3034,
445.7848, 454.2917

 50.0382, 48.1381,
45.5327


115.1618,
113.2488, 110.9951

 35.6616, 33.9362,
31.5312


145.4190,
143.7354, 142.0304

 24.3419, 22.8446,
20.7418


180.5596,
179.2542, 178.3704

 15.7135, 14.4788,
12.7460

220.9491,
220.1896, 220.4339

 9.4112, 8.4544,
7.1252

266.9529,
266.9259, 268.6392

 5.0696, 4.3871,
3.4609

318.9363,

 2.3233, 1.8924,

319.8476, 323.4049

1.3345

377.2647,
379.3391, 385.1496

■ 0.8066, 0.5438,
0.0898

■ 0.0000, 0.0000,
0.0000

■ 67.8368, 65.8345,
63.1648

■ 67.8368, 65.8345,
63.1648

■ 60.5935, 55.4608,
48.0696

■ 76.2008, 77.7449,
80.8032

■ 54.4179, 46.5528,
35.3962

■ 85.7247, 91.2419,
101.0903

■ 49.2607, 39.0468,
25.0196

■ 89.7454, 97.2654,
108.6517

■ 45.0669, 32.8712,
16.8018

■ 41.7757, 27.9479,
10.5900

■ 39.3198, 24.1908,
6.2115

■ 37.6218, 21.5025,
3.4639

■ 36.5878, 19.7689,
2.0884

■ 36.3820, 19.4186,
1.8306

Harmonies

Analogous

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



68.7527, 65.8345, 71.3280



67.8368, 65.8345, 63.1648



65.5039, 65.8345, 57.6835

Triad

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



67.8368, 65.8345, 63.1648



57.4729, 65.8345, 63.7319



62.6978, 65.8345, 90.2291

Complementary

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



67.8368, 65.8345, 63.1648



68.9891, 77.8481, 93.8286

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.



59.7322, 65.8345, 87.7810



67.8368, 65.8345, 63.1648



56.7765, 65.8345, 72.0383

Square

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



67.8368, 65.8345, 63.1648



59.5242, 65.8345, 57.9913



57.5901, 65.8345, 80.9336



65.7256, 65.8345, 87.3751

Rectangle

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



67.8368, 65.8345, 63.1648



63.4955, 65.8345, 56.0379



57.5901, 65.8345, 80.9336



61.6609, 65.8345, 89.9976

Sweetspot

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



67.8386, 65.8375, 63.1662



89.5970, 92.2707, 97.2892



71.3860, 65.3836, 87.6199



19.0192, 19.5252, 20.4879



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.



67.8386, 65.8375, 63.1662



75.2413, 71.8240, 67.0245



72.9765, 76.1132, 64.8788



15.9282, 16.0696, 16.4119



19.9663, 10.7306, 1.0189



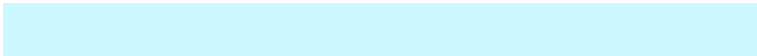
1.7108, 0.9923, 0.1014

Inverse Universe

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



68.9891, 77.8481, 93.8286



76.7580, 87.6697, 107.4841



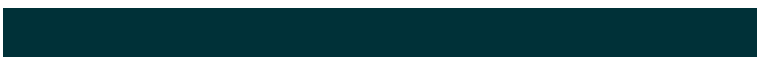
63.5105, 66.8909, 92.0024



16.0731, 17.5803, 20.2678



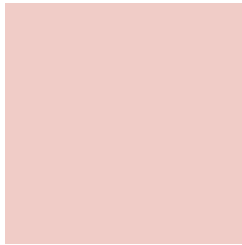
21.3879, 29.0001, 49.5982



1.8252, 2.5043, 4.1414

Previews

White Background



This preview shows how the XYZ color 67.8368, 65.8345, 63.1648 looks on a white background.

Color Contrast Check

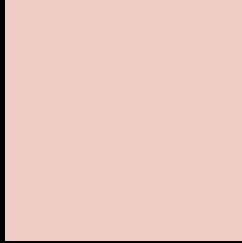
Large Text (above 18pt) WCAG AA × Fail

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 67.8368, 65.8345, 63.1648 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 67.8368, 65.8345, 63.1648

Background



This preview shows how black text looks on a background with the XYZ color 67.8368, 65.8345, 63.1648.

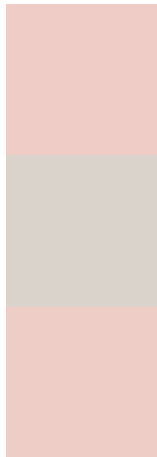


This preview shows how white text looks on a background with the XYZ color 67.8368, 65.8345,

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

67.8368, 65.8345, 63.1648

Protanopia

62.9872, 65.8058, 65.8819

Deuteranopia

67.4000, 65.9633, 63.2127



Tritanopia

70.0290, 65.6603, 74.6284

Trichromacy



Original Color

67.8368, 65.8345, 63.1648

Protanomaly

64.5806, 65.5448, 65.1248

Deuteranomaly

67.7367, 66.1369, 63.2284

Tritanomaly

69.0290, 65.5950, 69.9956

Monochromacy



Original Color

67.8368, 65.8345, 63.1648

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9866, 66.3846, 69.7099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8368, 65.8345, 63.1648 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, 204, 199) looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 199)  
}
```

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, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 199) }
```

Border

The CSS property to change the border of an element to XYZ 67.8368, 65.8345, 63.1648 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, 204, 199) }
```


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

```
.border{ border-color:rgb(240, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8368, 65.8345, 63.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 199) }
```

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

```
.background{ background-color: rgb(240,  
204, 199) }
```

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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