

Converting Colors

XYZ(66.7314, 63.7347, 67.5276)

Have a look what the booklet for
XYZ(66.7314, 63.7347, 67.5276)
contains.

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Color

**XYZ(66.8418, 63.8181,
67.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC8CF
RGB	237, 200, 207
RGB Percent	93%, 78%, 81%
CMY	0.0706, 0.2157, 0.1882
CMYK	0.00, 0.16, 0.13, 0.07
HSL	349°, 51%, 86%
HSV	349°, 16%, 93%
XYZ	66.8418, 63.8181, 67.8267
YIQ	211.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

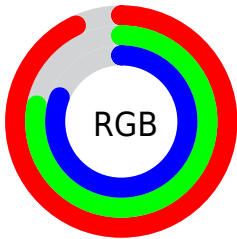
Format	Color
R _Y B	237, 200, 207
Decimal	15583439
CIE Lab	83.87, 14.16, 1.38
CIE LCh	84, 14.227, 5.577
Yxy	63.8181, 0.3368, 0.3215
Android (android.graphics.Color)	4293773519 (0xFFEDC8CF)
YUV	211.8610, -2.3965, 22.0469
Hunter-Lab	79.8862, 9.5523, 5.5807

Details

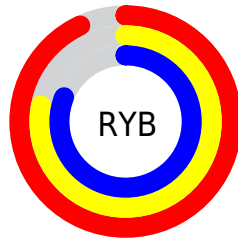
The XYZ color **66.8418, 63.8181, 67.8267** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3890, 78.5624, 86.4263**, and the grayscale version is **62.4947, 65.7493, 71.6010**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0847, 32.6814, 34.5960** is the 20% darker color. If you saturate the color by 10%, you get **59.5644, 52.7968, 54.5058**, and if you desaturate by 10%, it is **75.2596, 76.6611, 82.9403**.

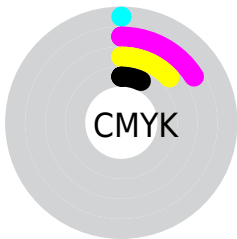
Distribution



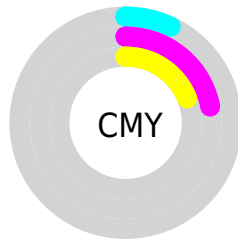
- Red (93%)
- Green (78%)
- Blue (81%)



- Red (93%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8418, 63.8181, 67.8267 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 66.8418, 63.8181, 67.8267 by changing the saturation by 10% instead.

66.8418, 63.8181,
67.8267

66.8418, 63.8181,
67.8267

438.8228,
438.5325, 471.4631

49.2263, 46.5034,
49.2910

113.7447,
110.3489, 117.7561

35.0143, 32.6432,
34.4831

143.7629,
140.3338, 149.9868

23.8405, 21.8533,
22.9846

178.6460,
175.3109, 187.6195

15.3394, 13.7491,
14.3770

218.7594,
215.6645, 231.0729

9.1458, 7.9464,
8.2416

264.4684,
261.7790, 280.7654

4.8943, 4.0607,
4.1599

316.1384,

2.2195, 1.7076,

314.0390, 337.1156

1.7135

374.1347,
372.8287, 400.5420

■ 0.7530, 0.4285,
0.3699

■ 0.0000, 0.0000,
0.0000

■ 66.8418, 63.8181,
67.8267

■ 66.8418, 63.8181,
67.8267

■ 59.5644, 52.7968,
54.5058

■ 75.2596, 76.6611,
82.9403

■ 53.3727, 43.5065,
42.9067

■ 84.8588, 91.3941,
99.9058

■ 48.2156, 35.8613,
32.9595

■ 88.7353, 96.7447,
108.6045

■ 44.0357, 29.7649,
24.5883

■ 40.7697, 25.1106,
17.7108

■ 38.3468, 21.7785,
12.2370

■ 36.6855, 19.6288,
8.0672

■ 35.6867, 18.4900,
5.0869

■ 35.3954, 18.1927,
4.1101

Harmonies

Analogous

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



66.2995, 63.8181, 76.8547



66.8418, 63.8181, 67.8267



65.6813, 63.8181, 59.9404

Triad

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



66.8418, 63.8181, 67.8267



57.2251, 63.8181, 56.3987



58.2044, 63.8181, 86.3789

Complementary

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



66.8418, 63.8181, 67.8267



68.3890, 78.5624, 86.4263

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.



55.8961, 63.8181, 79.9971



66.8418, 63.8181, 67.8267



55.3444, 63.8181, 62.6060

Square

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



66.8418, 63.8181, 67.8267



60.0746, 63.8181, 53.7158



54.8663, 63.8181, 71.1743



61.2435, 63.8181, 88.0776

Rectangle

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



66.8418, 63.8181, 67.8267



64.1209, 63.8181, 56.2258



54.8663, 63.8181, 71.1743



57.3206, 63.8181, 84.6850

Sweetspot

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



66.8436, 63.8210, 67.8280



89.4963, 91.4851, 99.0565



68.4473, 64.1829, 88.9023



18.9949, 19.3352, 20.9156



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.



66.8436, 63.8210, 67.8280



75.8014, 70.6109, 74.4047



68.6715, 68.8154, 64.3104



15.1818, 15.1006, 16.2428



19.3599, 9.9467, 2.4308



1.5528, 0.7941, 0.3622

Inverse Universe

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



66.8436, 63.8210, 67.8280



75.8014, 70.6109, 74.4047



66.2769, 72.7342, 90.6673



15.1818, 15.1006, 16.2428



19.3599, 9.9467, 2.4308



1.5528, 0.7941, 0.3622

Previews

White Background



This preview shows how the XYZ color 66.8418, 63.8181, 67.8267 looks on a white background.

Color Contrast Check

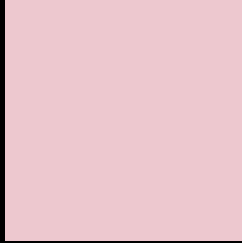
Large Text (above 18pt) WCAG AA × Fail

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 66.8418, 63.8181, 67.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

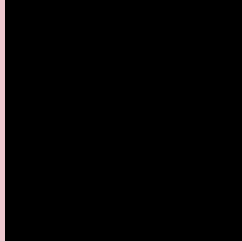
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8418, 63.8181, 67.8267

Background



This preview shows how black text looks on a background with the XYZ color 66.8418, 63.8181, 67.8267.



This preview shows how white text looks on a background with the XYZ color 66.8418, 63.8181,

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

66.8418, 63.8181, 67.8267

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

65.2515, 64.0399, 67.9533



Tritanopia

67.8209, 63.8790, 72.3737

Trichromacy



Original Color

66.8418, 63.8181, 67.8267

Protanomaly

63.2830, 63.6879, 69.9304

Deuteranomaly

65.9873, 64.0697, 67.9203

Tritanomaly

67.4412, 63.7271, 70.3740

Monochromacy



Original Color

66.8418, 63.8181, 67.8267

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.0075, 65.1370, 70.1719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8418, 63.8181, 67.8267 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(237, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 200, 207)  
}
```

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(237, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 200, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.8418, 63.8181, 67.8267 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(237, 200, 207) }
```


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

```
.border{ border-color:rgb(237, 200, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 200, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 200,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8418, 63.8181, 67.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 200, 207) }
```

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

```
.background{ background-color: rgb(237,  
200, 207) }
```

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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