

Converting Colors

XYZ(69.0566, 68.0829, 60.4229)

Have a look what the booklet for
XYZ(69.0566, 68.0829, 60.4229)
contains.

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Color

**XYZ(68.9114, 67.8840,
60.5098)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D0C2
RGB	242, 208, 194
RGB Percent	95%, 82%, 76%
CMY	0.0510, 0.1843, 0.2392
CMYK	0.00, 0.14, 0.20, 0.05
HSL	18°, 65%, 85%
HSV	18°, 20%, 95%
XYZ	68.9114, 67.8840, 60.5098
YIQ	216.5700, 24.7580, 2.8540

Conversions

Conversions Part 2

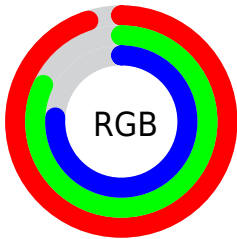
Format	Color
R _Y B	242, 214, 194
Decimal	15913154
CIE Lab	85.95, 9.75, 11.34
CIE LCh	86, 14.955, 49.322
Yxy	67.8840, 0.3493, 0.3441
Android (android.graphics.Color)	4294103234 (0xFFFF2D0C2)
YUV	216.5700, -11.1270, 22.3021
Hunter-Lab	82.3917, 5.1096, 14.1307

Details

The XYZ color **68.9114, 67.8840, 60.5098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0180, 73.3651, 94.6862**, and the grayscale version is **65.7224, 69.1451, 75.2990**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **36.2968, 35.3189, 29.7151** is the 20% darker color. If you saturate the color by 10%, you get **62.4568, 58.9755, 46.0234**, and if you desaturate by 10%, it is **76.2639, 77.8789, 77.4806**.

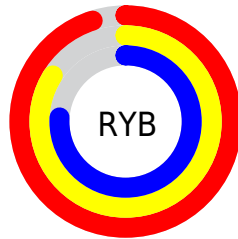
Distribution



Red (95%)

Green (82%)

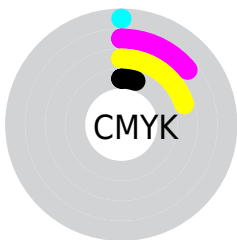
Blue (76%)



Red (95%)

Yellow (84%)

Blue (76%)

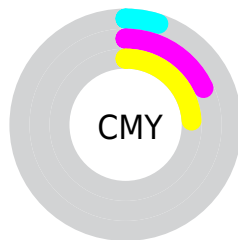


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9114, 67.8840, 60.5098 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 68.9114, 67.8840, 60.5098 by changing the saturation by 10% instead.

68.9114, 67.8840,
60.5098

68.9114, 67.8840,
60.5098

446.0447,
453.0849, 444.3310

50.9159, 49.8034,
43.4017

116.6898,
116.1862, 107.1194

36.3625, 35.2572,
29.8667

147.2034,
147.1765, 137.4581

24.8857, 23.8611,
19.4862

182.6205,
183.2389, 173.0439

16.1202, 15.2306,
11.8418

223.3063,
224.7577, 214.2956

9.7006, 8.9814,
6.5148

269.6263,
272.1173, 261.6316

5.2617, 4.7290,
3.0868

321.9458,

2.4379, 2.0892,

325.7021, 315.4705

1.1391

380.6301,
385.8965, 376.2308

■ 0.8641, 0.6585,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9114, 67.8840,
60.5098

■ 68.9114, 67.8840,
60.5098

■ 62.4568, 58.9755,
46.0234

■ 76.2639, 77.8789,
77.4806

■ 56.8589, 51.1070,
33.8997

■ 84.5425, 88.9861,
97.0412

■ 52.0813, 44.2424,
24.0131

■ 90.4282, 97.6174,
108.6837

■ 48.0829, 38.3395,
16.2245

■ 44.8183, 33.3535,
10.3792

■ 42.2372, 29.2352,
6.3006

■ 40.2816, 25.9302,
3.7793

■ 38.8667, 23.3708,
2.4740

■ 38.8465, 23.3340,
2.4565

Harmonies

Analogous

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



70.9399, 67.8840, 67.8459



68.9114, 67.8840, 60.5098



65.7500, 67.8840, 56.8817

Triad

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



68.9114, 67.8840, 60.5098



58.2624, 67.8840, 70.4733



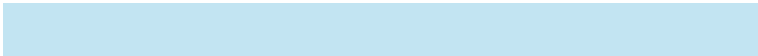
66.7260, 67.8840, 93.1851

Complementary

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



68.9114, 67.8840, 60.5098



66.0180, 73.3651, 94.6862

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.



63.3088, 67.8840, 94.0466



68.9114, 67.8840, 60.5098



58.5028, 67.8840, 80.3338

Square

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



68.9114, 67.8840, 60.5098



59.6537, 67.8840, 62.2865



60.3225, 67.8840, 89.1648



69.6476, 67.8840, 86.9056

Rectangle

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



68.9114, 67.8840, 60.5098



63.4605, 67.8840, 56.8166



60.3225, 67.8840, 89.1648



65.5947, 67.8840, 94.1377

Sweetspot

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



68.9132, 67.8871, 60.5112



89.3237, 92.3335, 95.3189



69.9696, 63.0853, 82.1798



18.9905, 19.5905, 20.0997



0.0000, 0.0000, 0.0000



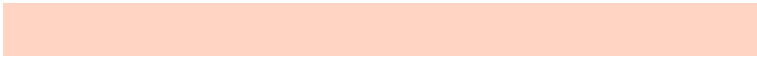
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9132, 67.8871, 60.5112



74.4127, 72.0612, 60.9085



75.1003, 80.2612, 62.5736



16.1485, 16.5102, 16.4854



20.9706, 12.7393, 1.3537



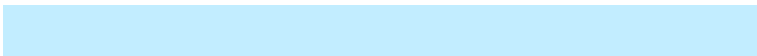
1.8273, 1.2252, 0.1402

Inverse Universe

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



66.0180, 73.3651, 94.6862



70.5728, 79.3147, 106.1974



59.9640, 61.2571, 92.6682



15.8352, 17.1045, 20.1885



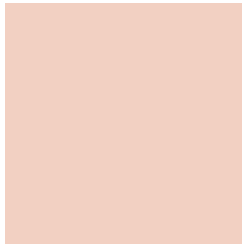
16.5968, 19.4178, 48.0011



1.4661, 1.7861, 4.0217

Previews

White Background



This preview shows how the XYZ color 68.9114, 67.8840, 60.5098 looks on a white background.

Color Contrast Check

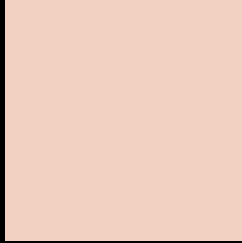
Large Text (above 18pt) WCAG AA × Fail

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 68.9114, 67.8840, 60.5098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

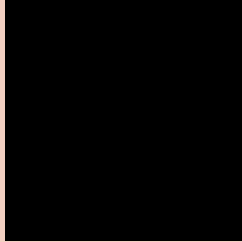
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9114, 67.8840, 60.5098

Background



This preview shows how black text looks on a background with the XYZ color 68.9114, 67.8840, 60.5098.



This preview shows how white text looks on a background with the XYZ color 68.9114, 67.8840,

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

68.9114, 67.8840, 60.5098

Protanopia

64.5560, 67.8123, 62.5099

Deuteranopia

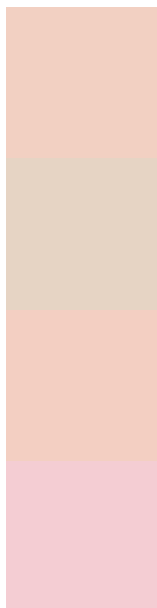
69.3587, 67.7538, 60.4611



Tritanopia

72.1673, 67.7655, 76.9866

Trichromacy



Original Color

68.9114, 67.8840, 60.5098

Protanomaly

66.1404, 67.8955, 61.8437

Deuteranomaly

69.0126, 67.5754, 60.4449

Tritanomaly

70.8974, 67.5989, 70.9392

Monochromacy



Original Color

68.9114, 67.8840, 60.5098

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.9192, 68.8653, 70.0869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9114, 67.8840, 60.5098 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(242, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 194)  
}
```

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(242, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 68.9114, 67.8840, 60.5098 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(242, 208, 194) }
```


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

```
.border{ border-color:rgb(242, 208, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 208, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9114, 67.8840, 60.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 194) }
```

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

```
.background{ background-color: rgb(242,  
208, 194) }
```

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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