

Converting Colors

XYZ(70.8271, 67.9871, 63.2466)

Have a look what the booklet for
XYZ(70.8271, 67.9871, 63.2466)
contains.

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Color

**XYZ(71.0915, 68.2226,
63.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CEC7
RGB	248, 206, 199
RGB Percent	97%, 81%, 78%
CMY	0.0274, 0.1921, 0.2196
CMYK	0.00, 0.17, 0.20, 0.03
HSL	9°, 78%, 88%
HSV	9°, 20%, 97%
XYZ	71.0915, 68.2226, 63.4542
YIQ	217.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

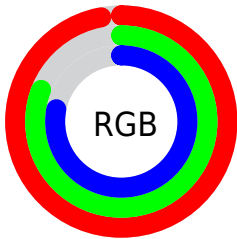
Format	Color
R _Y B	248, 207, 199
Decimal	16305863
CIE Lab	86.12, 13.71, 9.01
CIE LCh	86, 16.401, 33.315
Yxy	68.2226, 0.3506, 0.3365
Android (android.graphics.Color)	4294495943 (0xFFFF8CEC7)
YUV	217.7600, -9.2487, 26.5205
Hunter-Lab	82.5970, 9.0909, 12.2690

Details

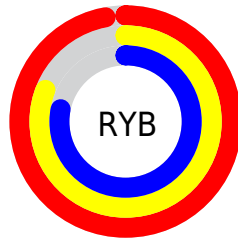
The XYZ color **71.0915, 68.2226, 63.4542** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9511, 81.8279, 100.8095**, and the grayscale version is **66.5253, 69.9898, 76.2189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8249, 35.5772, 31.6616** is the 20% darker color. If you saturate the color by 10%, you get **63.6682, 57.6144, 47.9125**, and if you desaturate by 10%, it is **79.6798, 80.4086, 81.7009**.

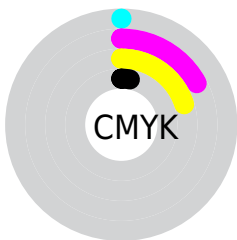
Distribution



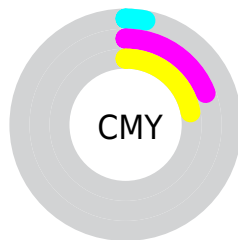
- Red (97%)
- Green (81%)
- Blue (78%)



- Red (97%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0915, 68.2226, 63.4542 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 71.0915, 68.2226, 63.4542 by changing the saturation by 10% instead.


 71.0915, 68.2226,
63.4542

 71.0915, 68.2226,
63.4542


453.5801,
454.2843, 455.3692

 52.6997, 50.0789,
45.7654


119.7818,
116.6705, 111.4164

 37.7896, 35.4761,
31.7134


150.8110,
147.7435, 142.5269

 25.9959, 24.0298,
20.8797


186.7834,
183.8950, 178.9484

 16.9532, 15.3557,
12.8457

228.0642,
225.5094, 221.0994

 10.2963, 9.0694,
7.1929

275.0190,
272.9712, 269.3984

 5.6596, 4.7865,
3.5028

328.0130,

 2.6779, 2.1225,

326.6646, 324.2640

1.3567

387.4116,
386.9742, 386.1148

■ 0.9858, 0.6773,
0.1076

■ 0.0000, 0.0000,
0.0000

■ 71.0915, 68.2226,
63.4542

■ 71.0915, 68.2226,
63.4542

■ 63.6682, 57.6144,
47.9125

■ 79.6798, 80.4086,
81.7009

■ 57.3540, 48.5104,
34.9426

■ 89.4746, 94.2237,
102.7683

■ 52.0968, 40.8450,
24.4069

■ 92.5216, 98.6966,
108.7817

■ 47.8380, 34.5443,
16.1526

■ 44.5131, 29.5276,
10.0101

■ 42.0501, 25.7054,
5.7858

■ 40.3656, 22.9768,
3.2500

■ 39.3448, 21.2177,
2.0390

■ 39.3260, 21.1854,
2.0165

Harmonies

Analogous

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



72.3526, 68.2226, 73.0888



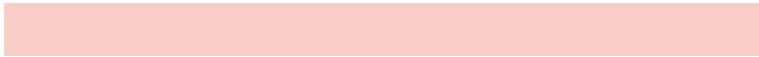
71.0915, 68.2226, 63.4542



68.1535, 68.2226, 57.2354

Triad

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



71.0915, 68.2226, 63.4542



58.5802, 68.2226, 65.3447



65.2636, 68.2226, 96.9947

Complementary

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



71.0915, 68.2226, 63.4542



71.9511, 81.8279, 100.8095

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.



61.6425, 68.2226, 94.4179



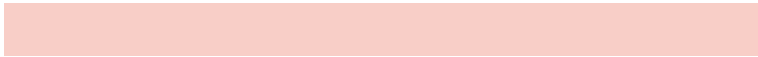
71.0915, 68.2226, 63.4542



57.8729, 68.2226, 75.4898

Square

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



71.0915, 68.2226, 63.4542



60.9432, 68.2226, 58.2503



58.9728, 68.2226, 86.2782



68.9068, 68.2226, 93.0162

Rectangle

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



71.0915, 68.2226, 63.4542



65.6910, 68.2226, 55.5133



58.9728, 68.2226, 86.2782



64.0034, 68.2226, 96.8677

Sweetspot

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



71.0934, 68.2257, 63.4556



88.6422, 90.9706, 95.0917



75.0825, 67.1830, 92.5959



18.8299, 19.2693, 20.0461



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.



71.0934, 68.2257, 63.4556



72.2047, 67.6451, 60.1725



77.3269, 80.6929, 65.5335



17.4447, 17.6253, 17.9450



21.3033, 11.5632, 1.1091



2.0318, 1.1884, 0.1223

Inverse Universe

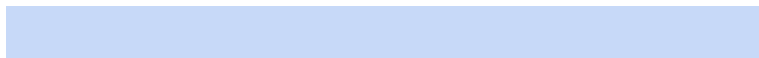
The Inverse Universe completely reimagines the original color for something new.



71.9511, 81.8279, 100.8095



73.2791, 84.7274, 107.0995



65.3015, 68.5288, 98.5930



17.5419, 19.1607, 22.1591



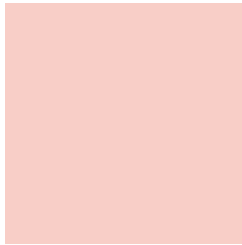
22.0247, 29.4049, 52.4885



2.0959, 2.8355, 4.8800

Previews

White Background



This preview shows how the XYZ color 71.0915, 68.2226, 63.4542 looks on a white background.

Color Contrast Check

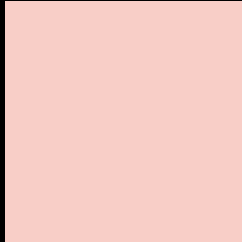
Large Text (above 18pt) WCAG AA × Fail

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 71.0915, 68.2226, 63.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

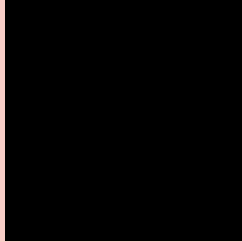
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0915, 68.2226, 63.4542

Background



This preview shows how black text looks on a background with the XYZ color 71.0915, 68.2226, 63.4542.



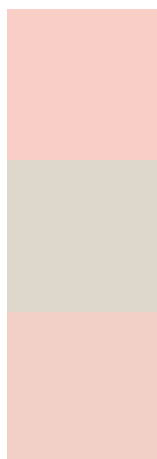
This preview shows how white text looks on a background with the XYZ color 71.0915, 68.2226,

63.4542.

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

71.0915, 68.2226, 63.4542

Protanopia

65.3237, 68.4901, 66.9037

Deuteranopia

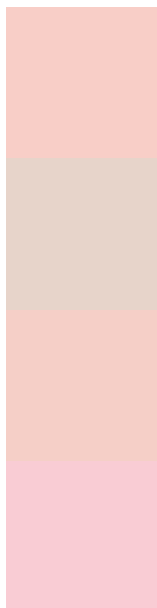
69.8268, 68.2900, 63.5338



Tritanopia

73.5665, 68.1503, 76.2948

Trichromacy



Original Color

71.0915, 68.2226, 63.4542

Protanomaly

67.1592, 68.3402, 65.5284

Deuteranomaly

70.2778, 68.1616, 63.4853

Tritanomaly

72.5435, 68.0789, 71.6044

Monochromacy



Original Color

71.0915, 68.2226, 63.4542

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.1175, 69.4543, 71.4439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0915, 68.2226, 63.4542 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(248, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(248, 206, 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(248, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 206, 199) }
```

Border

The CSS property to change the border of an element to XYZ 71.0915, 68.2226, 63.4542 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(248, 206, 199) }
```


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

```
.border{ border-color:rgb(248, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(248, 206,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0915, 68.2226, 63.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 206, 199) }
```

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

```
.background{ background-color: rgb(248,  
206, 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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