

Converting Colors

XYZ(71.3255, 68.8909, 61.3375)

Have a look what the booklet for
XYZ(71.3255, 68.8909, 61.3375)
contains.

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Color

**XYZ(71.2301, 68.7055,
61.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CFC3
RGB	249, 207, 195
RGB Percent	98%, 81%, 76%
CMY	0.0235, 0.1882, 0.2353
CMYK	0.00, 0.17, 0.22, 0.02
HSL	13°, 82%, 87%
HSV	13°, 22%, 98%
XYZ	71.2301, 68.7055, 61.1370
YIQ	218.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

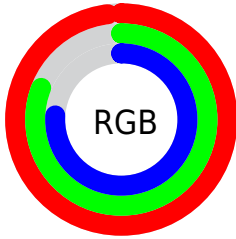
Format	Color
R _Y B	249, 210, 195
Decimal	16371651
CIE Lab	86.36, 12.96, 11.48
CIE LCh	86, 17.318, 41.528
Yxy	68.7055, 0.3543, 0.3417
Android (android.graphics.Color)	4294561731 (0xFFFF9CFC3)
YUV	218.1900, -11.4327, 27.0204
Hunter-Lab	82.8888, 8.3378, 14.2911

Details

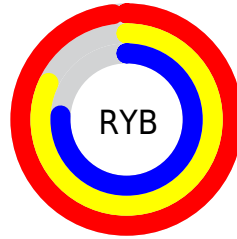
The XYZ color **71.2301, 68.7055, 61.1370** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8882, 79.0081, 101.1897**, and the grayscale version is **66.8356, 70.3163, 76.5744**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **37.9372, 35.9120, 30.1315** is the 20% darker color. If you saturate the color by 10%, you get **64.2392, 58.8594, 46.0558**, and if you desaturate by 10%, it is **79.2696, 79.8964, 78.8854**.

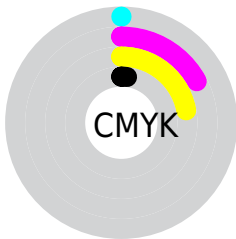
Distribution



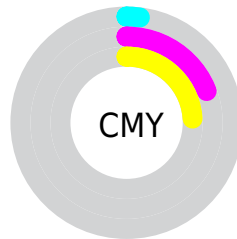
- Red (98%)
- Green (81%)
- Blue (76%)



- Red (98%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2301, 68.7055, 61.1370 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 71.2301, 68.7055, 61.1370 by changing the saturation by 10% instead.


 71.2301, 68.7055,
61.1370

 71.2301, 68.7055,
61.1370


454.0567,
455.9916, 446.6966

 52.8132, 50.4719,
43.9045


119.9780,
117.3608, 108.0367

 37.8806, 35.7885,
30.2588


151.0398,
148.5514, 138.5410

 26.0668, 24.2709,
19.7814

187.0472,
184.8297, 174.3063

 17.0066, 15.5347,
12.0537

228.3657,
226.5802, 215.7511

 10.3345, 9.1955,
6.6573

275.3605,
274.1872, 263.2940

 5.6853, 4.8689,
3.1735

328.3970,

 2.6935, 2.1706,

328.0352, 317.3535

1.1839

387.8407,
388.5085, 378.3482

■ 0.9938, 0.7039,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2301, 68.7055,
61.1370

■ 71.2301, 68.7055,
61.1370

■ 64.2392, 58.8594,
46.0558

■ 79.2696, 79.8964,
78.8854

■ 58.2474, 50.2980,
33.5081

■ 88.3936, 92.4709,
99.4174

■ 53.2092, 42.9704,
23.3550

■ 92.8772, 98.8799,
108.7983

■ 49.0736, 36.8186,
15.4426

■ 45.7843, 31.7799,
9.5987

■ 43.2781, 27.7852,
5.6258

■ 41.4820, 24.7574,
3.2873

■ 40.4503, 22.9061,
2.2894

Harmonies

Analogous

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



73.1306, 68.7055, 70.4931



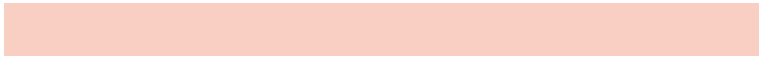
71.2301, 68.7055, 61.1370



67.7693, 68.7055, 55.8042

Triad

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



71.2301, 68.7055, 61.1370



58.2771, 68.7055, 68.0457



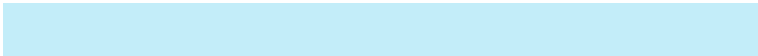
66.8514, 68.7055, 98.5285

Complementary

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



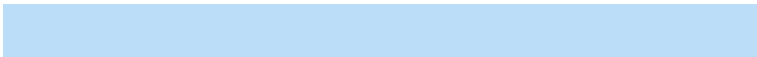
71.2301, 68.7055, 61.1370



69.8882, 79.0081, 101.1897

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.



62.8963, 68.7055, 97.7013



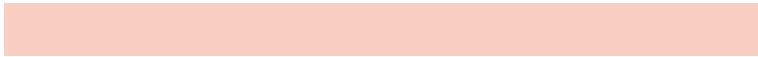
71.2301, 68.7055, 61.1370



58.0540, 68.7055, 79.2968

Square

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



71.2301, 68.7055, 61.1370



60.3358, 68.7055, 59.5032



59.7133, 68.7055, 90.3801



70.5346, 68.7055, 92.5364

Rectangle

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



71.2301, 68.7055, 61.1370



65.0976, 68.7055, 54.8825



59.7133, 68.7055, 90.3801



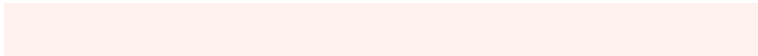
65.5078, 68.7055, 99.0538

Sweetspot

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



71.2320, 68.7086, 61.1384



88.0383, 90.3638, 93.0376



73.9127, 65.3028, 89.0605



18.7202, 19.1711, 19.6360



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

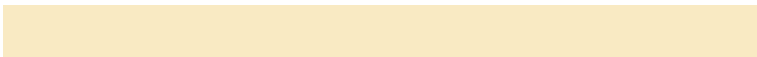
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2320, 68.7086, 61.1384



71.8525, 67.8407, 57.2811



78.2554, 82.7556, 63.4796



17.5575, 17.8508, 17.9826



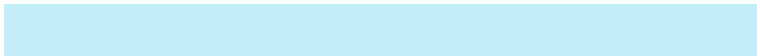
21.7381, 12.4329, 1.2541



2.0886, 1.3020, 0.1412

Inverse Universe

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



69.8882, 79.0081, 101.1897



70.1989, 80.4744, 106.4410



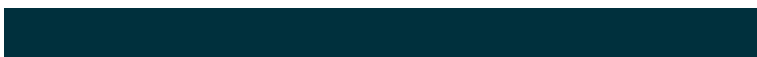
62.7261, 64.6840, 98.8023



17.4193, 18.9155, 22.1182



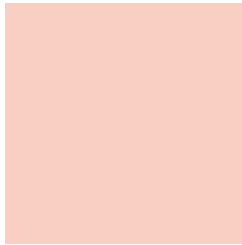
19.5477, 24.4510, 51.6628



1.8882, 2.4200, 4.8108

Previews

White Background



This preview shows how the XYZ color 71.2301, 68.7055, 61.1370 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 71.2301, 68.7055, 61.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

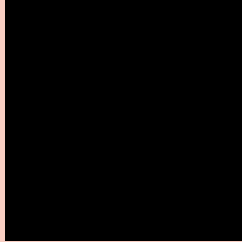
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2301, 68.7055, 61.1370

Background



This preview shows how black text looks on a background with the XYZ color 71.2301, 68.7055, 61.1370.



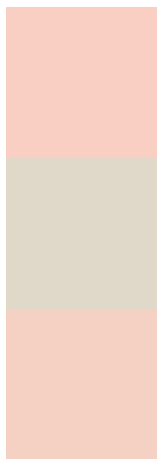
This preview shows how white text looks on a background with the XYZ color 71.2301, 68.7055,

61.1370.

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

71.2301, 68.7055, 61.1370

Protanopia

65.7217, 69.1292, 64.5229

Deuteranopia

70.3070, 68.9535, 61.2335



Tritanopia

74.2870, 68.5218, 76.3285

Trichromacy



Original Color

71.2301, 68.7055, 61.1370

Protanomaly

67.5916, 68.9894, 63.1799

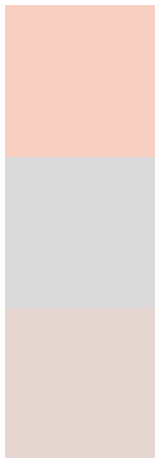
Deuteranomaly

70.4122, 68.6447, 61.1684

Tritanomaly

73.0094, 68.3481, 70.3173

Monochromacy



Original Color

71.2301, 68.7055, 61.1370

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9925, 69.4043, 70.7855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2301, 68.7055, 61.1370 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(249, 207, 195)` looks like.

```
.text, #text, p{  
    color:rgb(249, 207, 195)  
}
```

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(249, 207, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 207, 195) }
```

Border

The CSS property to change the border of an element to XYZ 71.2301, 68.7055, 61.1370 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(249, 207, 195) }
```


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

```
.border{ border-color:rgb(249, 207, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 207, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 207, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 207, 195);  
box-shadow:4px 4px 4px 4px rgb(249, 207,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2301, 68.7055, 61.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 207, 195) }
```

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

```
.background{ background-color: rgb(249,  
207, 195) }
```

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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