

Converting Colors

XYZ(71.2277, 68.6004, 67.0646)

Have a look what the booklet for
XYZ(71.2277, 68.6004, 67.0646)
contains.

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Color

**XYZ(71.3383, 68.6263,
67.2439)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CFCD
RGB	246, 207, 205
RGB Percent	96%, 81%, 80%
CMY	0.0353, 0.1882, 0.1961
CMYK	0.00, 0.16, 0.17, 0.04
HSL	3°, 69%, 88%
HSV	3°, 17%, 96%
XYZ	71.3383, 68.6263, 67.2439
YIQ	218.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

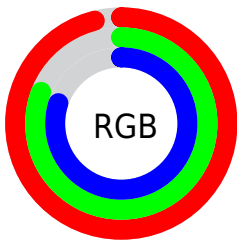
Format	Color
R _Y B	246, 207, 205
Decimal	16175053
CIE Lab	86.32, 13.36, 6.09
CIE LCh	86, 14.688, 24.511
Yxy	68.6263, 0.3443, 0.3312
Android (android.graphics.Color)	4294365133 (0xFFFF6CFCD)
YUV	218.4330, -6.6225, 24.1763
Hunter-Lab	82.8410, 8.7431, 9.8617

Details

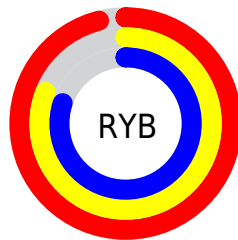
The XYZ color **71.3383, 68.6263, 67.2439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1614, 84.3322, 99.5583**, and the grayscale version is **66.9738, 70.4617, 76.7327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9634, 35.8356, 34.1942** is the 20% darker color. If you saturate the color by 10%, you get **63.3448, 57.0233, 51.0627**, and if you desaturate by 10%, it is **80.6425, 82.1022, 86.1669**.

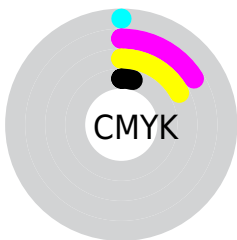
Distribution



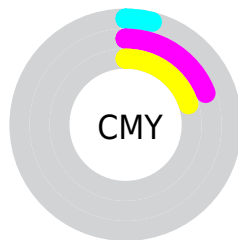
- Red (96%)
- Green (81%)
- Blue (80%)



- Red (96%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3383, 68.6263, 67.2439 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 71.3383, 68.6263, 67.2439 by changing the saturation by 10% instead.


 71.3383, 68.6263,
67.2439

 71.3383, 68.6263,
67.2439


454.4286,
455.7118, 469.3376

 52.9018, 50.4074,
48.8200


120.1312,
117.2477, 116.9138

 37.9516, 35.7372,
34.1121

151.2184,
148.4189, 148.9969

 26.1222, 24.2313,
22.7017


187.2531,
184.6765, 186.4701

 17.0482, 15.5053,
14.1702

228.6009,
226.4047, 229.7521

 10.3644, 9.1748,
8.0990

275.6269,
273.9879, 279.2612

 5.7053, 4.8554,
4.0697

328.6967,

 2.7057, 2.1626,

327.8106, 335.4162

1.6637

388.1755,
388.2571, 398.6354

■ 1.0001, 0.6995,
0.3356

■ 0.0000, 0.0000,
0.0000

■ 71.3383, 68.6263,
67.2439

■ 71.3383, 68.6263,
67.2439

■ 63.3448, 57.0233,
51.0627

■ 80.6425, 82.1022,
86.1669

■ 56.5977, 47.2015,
37.4922

■ 91.3066, 97.5188,
107.9460

■ 51.0359, 39.0756,
26.3968

■ 91.8163, 98.3329,
108.7487

■ 46.5909, 32.5496,
17.6273

■ 43.1871, 27.5178,
11.0181

■ 40.7396, 23.8619,
6.3822

■ 39.1501, 21.4458,
3.5003

■ 38.2983, 20.1052,
2.0976

■ 38.1381, 19.8566,
1.8226

Harmonies

Analogous

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



71.9316, 68.6263, 76.5221



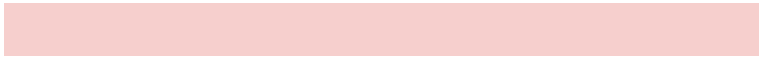
71.3383, 68.6263, 67.2439



69.0842, 68.6263, 60.5329

Triad

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



71.3383, 68.6263, 67.2439



60.0637, 68.6263, 64.4024



64.6058, 68.6263, 94.8827

Complementary

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



71.3383, 68.6263, 67.2439



74.1614, 84.3322, 99.5583

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.



61.5165, 68.6263, 90.9722



71.3383, 68.6263, 67.2439



58.9530, 68.6263, 72.9511

Square

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



71.3383, 68.6263, 67.2439



62.5608, 68.6263, 58.9945



59.4755, 68.6263, 82.7357



67.9683, 68.6263, 93.0232

Rectangle

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



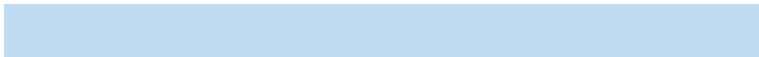
71.3383, 68.6263, 67.2439



66.9832, 68.6263, 58.1410



59.4755, 68.6263, 82.7357



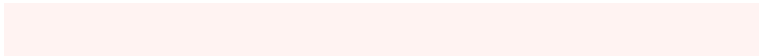
63.5023, 68.6263, 94.1899

Sweetspot

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



71.3402, 68.6294, 67.2453



89.3173, 91.7113, 97.1959



76.2635, 69.8266, 95.5519



18.9516, 19.3898, 20.4654



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.



71.3402, 68.6294, 67.2453



74.3294, 70.0002, 66.7206



76.4588, 78.8666, 68.9515



16.5641, 16.6123, 17.1310



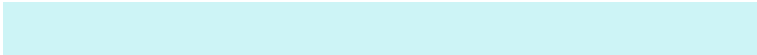
20.3850, 10.6555, 0.9823



1.8141, 0.9814, 0.0938

Inverse Universe

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



74.1614, 84.3322, 99.5583



77.9215, 89.9967, 107.8719



68.5037, 73.0168, 97.6724



16.9232, 18.6107, 21.2428



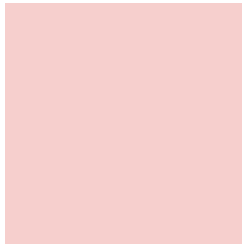
24.6106, 35.0151, 51.9995



2.1840, 3.1195, 4.5772

Previews

White Background



This preview shows how the XYZ color 71.3383, 68.6263, 67.2439 looks on a white background.

Color Contrast Check

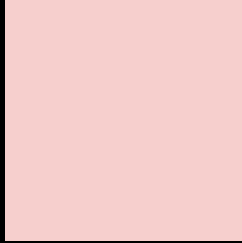
Large Text (above 18pt) WCAG AA × Fail

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 71.3383, 68.6263, 67.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

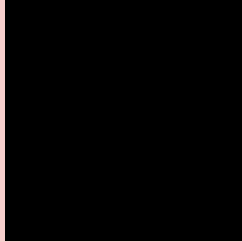
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3383, 68.6263, 67.2439

Background



This preview shows how black text looks on a background with the XYZ color 71.3383, 68.6263, 67.2439.



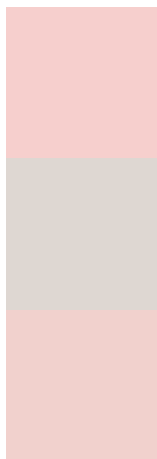
This preview shows how white text looks on a background with the XYZ color 71.3383, 68.6263,

67.2439.

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

71.3383, 68.6263, 67.2439

Protanopia

66.0575, 68.7836, 70.7677

Deuteranopia

70.0955, 68.7095, 67.3254



Tritanopia

73.5939, 68.8396, 77.8152

Trichromacy



Original Color

71.3383, 68.6263, 67.2439

Protanomaly

67.8836, 68.6300, 69.3436

Deuteranomaly

70.5375, 68.5742, 67.2760

Tritanomaly

72.6948, 68.8231, 73.7427

Monochromacy



Original Color

71.3383, 68.6263, 67.2439

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.0517, 69.3912, 72.7579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3383, 68.6263, 67.2439 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(246, 207, 205) looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 205)  
}
```

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(246, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 71.3383, 68.6263, 67.2439 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(246, 207, 205) }
```


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

```
.border{ border-color:rgb(246, 207, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3383, 68.6263, 67.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 205) }
```

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

```
.background{ background-color: rgb(246,  
207, 205) }
```

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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