

Converting Colors

XYZ(70.6616, 68.4225, 67.2254)

Have a look what the booklet for XYZ(70.6616, 68.4225, 67.2254) contains.

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Color

**XYZ(70.6405, 68.2665,
67.2112)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CFCD
RGB	244, 207, 205
RGB Percent	96%, 81%, 80%
CMY	0.0431, 0.1882, 0.1961
CMYK	0.00, 0.15, 0.16, 0.04
HSL	3°, 64%, 88%
HSV	3°, 16%, 96%
XYZ	70.6405, 68.2665, 67.2112
YIQ	217.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

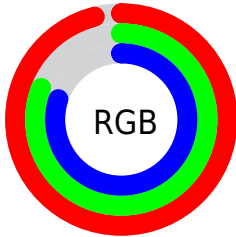
Format	Color
R_{YB}	244, 207, 205
Decimal	16043981
CIE _{Lab}	86.14, 12.65, 5.81
CIE _{LCh}	86, 13.921, 24.677
Yxy	68.2665, 0.3427, 0.3312
Android (android.graphics.Color)	4294234061 (0xFFFF4CFCD)
YUV	217.8350, -6.3277, 22.9467
Hunter-Lab	82.6235, 8.0206, 9.6063

Details

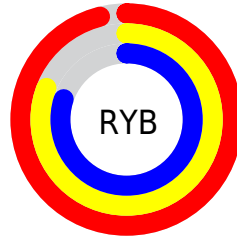
The XYZ color **70.6405, 68.2665, 67.2112** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2576, 83.0132, 97.7507**, and the grayscale version is **66.5597, 70.0260, 76.2583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4707, 35.5816, 34.1712** is the 20% darker color. If you saturate the color by 10%, you get **62.7195, 56.7758, 51.1551**, and if you desaturate by 10%, it is **79.8466, 81.5911, 85.9633**.

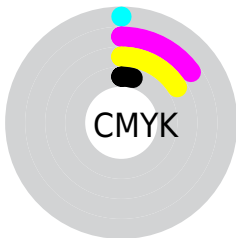
Distribution



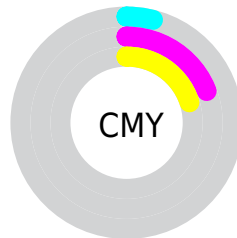
- Red (96%)
- Green (81%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6405, 68.2665, 67.2112 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 70.6405, 68.2665, 67.2112 by changing the saturation by 10% instead.

70.6405, 68.2665,
67.2112

70.6405, 68.2665,
67.2112

452.0271,
454.4397, 469.2181

52.3303, 50.1146,
48.7936

119.1430,
116.7333, 116.8665

37.4938, 35.5044,
34.0913

150.0661,
147.8170, 148.9413

25.7655, 24.0517,
22.6858

185.9241,
183.9800, 186.4056

16.7800, 15.3720,
14.1586

227.0826,
225.6068, 229.6779

10.1721, 9.0809,
8.0910

273.9067,
273.0818, 279.1767

5.5764, 4.7940,
4.0647

326.7620,

2.6274, 2.1269,

326.7893, 335.3207

1.6609

386.0137,
387.1138, 398.5283

■ 0.9600, 0.6797,
0.3337

■ 0.0000, 0.0000,
0.0000

■ 70.6405, 68.2665,
67.2112

■ 70.6405, 68.2665,
67.2112

■ 62.7195, 56.7758,
51.1551

■ 79.8466, 81.5911,
85.9633

■ 56.0212, 47.0302,
37.6670

■ 90.3856, 96.8151,
107.5228

■ 50.4864, 38.9469,
26.6151

■ 91.1185, 97.9732,
108.7160

■ 46.0485, 32.4332,
17.8540

■ 42.6346, 27.3872,
11.2230

■ 40.1626, 23.6948,
6.5404

■ 38.5379, 21.2254,
3.5944

■ 37.6460, 19.8223,
2.1234

■ 37.4466, 19.5095,
1.7920

Harmonies

Analogous

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



71.2088, 68.2665, 75.9780



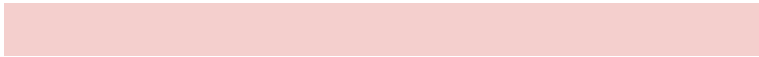
70.6405, 68.2665, 67.2112



68.5095, 68.2665, 60.8557

Triad

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



70.6405, 68.2665, 67.2112



59.9917, 68.2665, 64.5972



64.3159, 68.2665, 93.3001

Complementary

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



70.6405, 68.2665, 67.2112



73.2576, 83.0132, 97.7507

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.



61.3911, 68.2665, 89.6608



70.6405, 68.2665, 67.2112



58.9476, 68.2665, 72.7072

Square

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



70.6405, 68.2665, 67.2112



62.3493, 68.2665, 59.4357



59.4514, 68.2665, 81.9358



67.4891, 68.2665, 91.5267

Rectangle

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



70.6405, 68.2665, 67.2112



66.5254, 68.2665, 58.5927



59.4514, 68.2665, 81.9358



63.2723, 68.2665, 92.6609

Sweetspot

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



70.6424, 68.2696, 67.2126



89.3268, 91.7303, 97.1991



75.1749, 69.3105, 93.4606



18.9539, 19.3944, 20.4661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

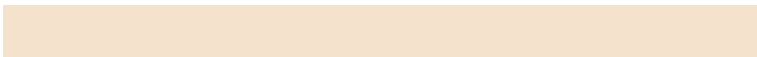
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6424, 68.2696, 67.2126



75.2578, 71.3636, 68.5515



75.6473, 78.2795, 68.8810



16.5674, 16.6190, 17.1322



20.3900, 10.6656, 0.9840



1.8157, 0.9846, 0.0943

Inverse Universe

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



73.2576, 83.0132, 97.7507



78.6273, 90.3622, 107.9053



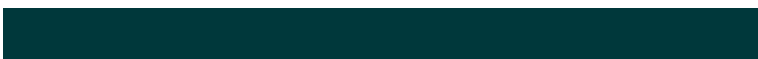
67.7744, 72.0469, 95.9230



16.9195, 18.6032, 21.2416



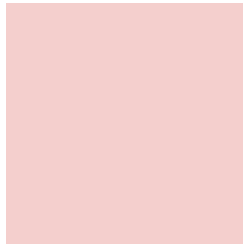
24.5188, 34.8313, 51.9689



2.1769, 3.1053, 4.5749

Previews

White Background



This preview shows how the XYZ color 70.6405, 68.2665, 67.2112 looks on a white background.

Color Contrast Check

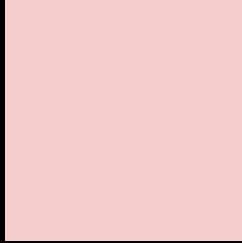
Large Text (above 18pt) WCAG AA × Fail

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 70.6405, 68.2665, 67.2112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

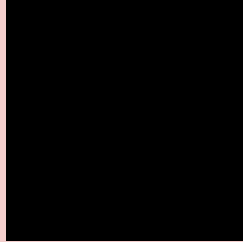
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6405, 68.2665, 67.2112

Background



This preview shows how black text looks on a background with the XYZ color 70.6405, 68.2665, 67.2112.

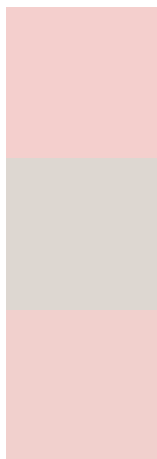


This preview shows how white text looks on a background with the XYZ color 70.6405, 68.2665,

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

70.6405, 68.2665, 67.2112

Protanopia

65.6279, 68.5765, 70.0992

Deuteranopia

69.8509, 68.2203, 67.2439



Tritanopia

72.8885, 68.4759, 77.7822

Trichromacy



Original Color

70.6405, 68.2665, 67.2112

Protanomaly

67.2417, 68.2990, 69.3135

Deuteranomaly

70.1933, 68.3968, 67.2599

Tritanomaly

71.9932, 68.4614, 73.7099

Monochromacy



Original Color

70.6405, 68.2665, 67.2112

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.7354, 69.2281, 72.7431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6405, 68.2665, 67.2112 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(244, 207, 205) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 70.6405, 68.2665, 67.2112 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(244, 207, 205) }
```


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

```
.border{ border-color:rgb(244, 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(244, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(244, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6405, 68.2665, 67.2112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 207, 205) }
```

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

```
.background{ background-color: rgb(244,  
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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