

Converting Colors

XYZ(72.0094, 70.0569, 67.5699)

Have a look what the booklet for
XYZ(72.0094, 70.0569, 67.5699)
contains.

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Color

**XYZ(72.0721, 70.0938,
67.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D2CD
RGB	246, 210, 205
RGB Percent	96%, 82%, 80%
CMY	0.0353, 0.1764, 0.1961
CMYK	0.00, 0.15, 0.17, 0.04
HSL	7°, 69%, 88%
HSV	7°, 17%, 96%
XYZ	72.0721, 70.0938, 67.4885
YIQ	220.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

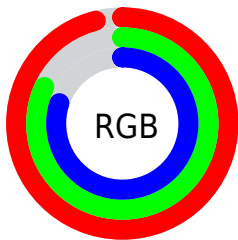
Format	Color
R _Y B	246, 211, 205
Decimal	16175821
CIE Lab	87.04, 11.80, 7.14
CIE LCh	87, 13.786, 31.172
Yxy	70.0938, 0.3438, 0.3343
Android (android.graphics.Color)	4294365901 (0xFFF6D2CD)
YUV	220.1940, -7.4906, 22.6319
Hunter-Lab	83.7220, 7.1481, 10.8116

Details

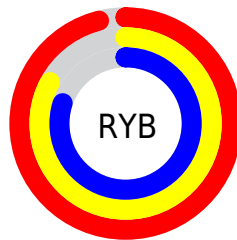
The XYZ color **72.0721, 70.0938, 67.4885** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2662, 82.5418, 99.2601**, and the grayscale version is **68.2039, 71.7559, 78.1421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2935, 36.4959, 34.3043** is the 20% darker color. If you saturate the color by 10%, you get **64.3561, 59.0459, 51.3998**, and if you desaturate by 10%, it is **80.9784, 82.7740, 86.2789**.

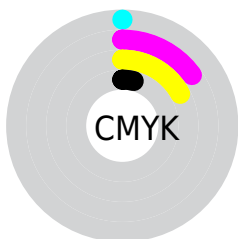
Distribution



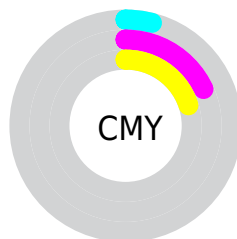
- Red (96%)
- Green (82%)
- Blue (80%)



- Red (96%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0721, 70.0938, 67.4885 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 72.0721, 70.0938, 67.4885 by changing the saturation by 10% instead.


 72.0721, 70.0938,
67.4885

 72.0721, 70.0938,
67.4885


456.9463,
460.8793, 470.2304

 53.5032, 51.6030,
49.0176

121.1693,
119.3425, 117.2674

 38.4337, 36.6887,
34.2678

152.4283,
150.8692, 149.4125

 26.4982, 24.9666,
22.8204


188.6481,
187.5100, 186.9528

 17.3314, 16.0522,
14.2569

230.1941,
229.6493, 230.3067

 10.5678, 9.5611,
8.1587

277.4315,
277.6715, 279.8929

 5.8422, 5.1089,
4.1075

330.7258,

 2.7891, 2.3113,

331.9610, 336.1299

1.6845

390.4422,
392.9021, 399.4362

■ 1.0432, 0.7797,
0.3501

■ 0.0000, 0.0000,
0.0000

■ 72.0721, 70.0938,
67.4885

■ 72.0721, 70.0938,
67.4885

■ 64.3561, 59.0459,
51.3998

■ 80.9784, 82.7740,
86.2789

■ 57.7744, 49.5548,
37.8844

■ 91.1168, 97.1391,
107.8828

■ 52.2748, 41.5533,
26.8098

■ 91.8163, 98.3330,
108.7487

■ 47.7989, 34.9655,
18.0299

■ 44.2826, 29.7086,
11.3833

■ 41.6545, 25.6916,
6.6871

■ 39.8330, 22.8115,
3.7279

■ 38.7199, 20.9482,
2.2381

■ 38.4713, 20.5229,
1.9336

Harmonies

Analogous

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



73.0187, 70.0938, 75.9573



72.0721, 70.0938, 67.4885



69.6583, 70.0938, 61.7896

Triad

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



72.0721, 70.0938, 67.4885



61.3337, 70.0938, 68.0702



66.7490, 70.0938, 95.4966

Complementary

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



72.0721, 70.0938, 67.4885



73.2662, 82.5418, 99.2601

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.



63.6754, 70.0938, 92.9670



72.0721, 70.0938, 67.4885



60.6103, 70.0938, 76.6843

Square

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



72.0721, 70.0938, 67.4885



63.4623, 70.0938, 62.1059



61.4539, 70.0938, 85.8907



69.8849, 70.0938, 92.5531

Rectangle

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



72.0721, 70.0938, 67.4885



67.5786, 70.0938, 60.0760



61.4539, 70.0938, 85.8907



65.6746, 70.0938, 95.2568

Sweetspot

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



72.0740, 70.0970, 67.4900



89.5970, 92.2707, 97.2892



75.7477, 69.6203, 92.8353



19.0192, 19.5252, 20.4879



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

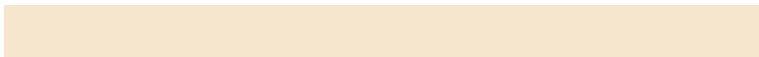
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0740, 70.0970, 67.4900



75.2413, 71.8240, 67.0245



77.4020, 80.7529, 69.2660



16.6621, 16.8082, 17.1637



20.5871, 11.0597, 1.0497



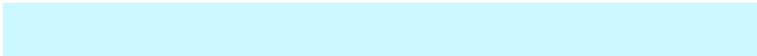
1.8607, 1.0746, 0.1093

Inverse Universe

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



73.2662, 82.5418, 99.2601



76.7580, 87.6697, 107.4841



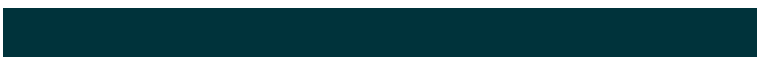
67.5940, 71.1973, 97.3693



16.8140, 18.3923, 21.2064



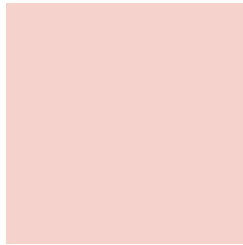
22.0523, 29.8984, 51.1467



1.9858, 2.7230, 4.5112

Previews

White Background



This preview shows how the XYZ color 72.0721, 70.0938, 67.4885 looks on a white background.

Color Contrast Check

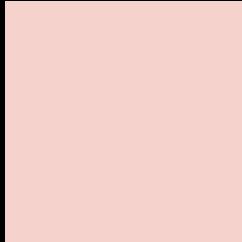
Large Text (above 18pt) WCAG AA × Fail

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 72.0721, 70.0938, 67.4885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

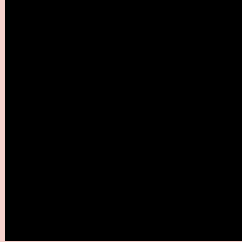
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0721, 70.0938, 67.4885

Background



This preview shows how black text looks on a background with the XYZ color 72.0721, 70.0938, 67.4885.



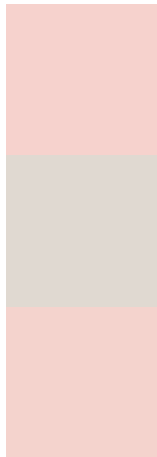
This preview shows how white text looks on a background with the XYZ color 72.0721, 70.0938,

67.4885.

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

72.0721, 70.0938, 67.4885

Protanopia

67.0619, 70.0765, 70.3132

Deuteranopia

71.6219, 70.2294, 67.5384



Tritanopia

74.3435, 69.9098, 79.3877

Trichromacy



Original Color

72.0721, 70.0938, 67.4885

Protanomaly

68.7104, 69.8030, 69.5264

Deuteranomaly

71.9699, 70.4088, 67.5546

Tritanomaly

73.3083, 69.8438, 74.5832

Monochromacy



Original Color

72.0721, 70.0938, 67.4885

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1347, 70.6760, 74.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0721, 70.0938, 67.4885 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, 210, 205) looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 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, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.0721, 70.0938, 67.4885 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, 210, 205) }
```


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

```
.border{ border-color:rgb(246, 210, 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, 210, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0721, 70.0938, 67.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 205) }
```

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

```
.background{ background-color: rgb(246,  
210, 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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