

Converting Colors

XYZ(70.0572, 67.7546, 71.1695)

Have a look what the booklet for
XYZ(70.0572, 67.7546, 71.1695)
contains.

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Color

**XYZ(70.0059, 67.8541,
71.0355)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F0CFD3 |
| RGB | 240, 207, 211 |
| RGB Percent | 94%, 81%, 83% |
| CMY | 0.0588, 0.1882, 0.1725 |
| CMYK | 0.00, 0.14, 0.12, 0.06 |
| HSL | 353°, 52%, 88% |
| HSV | 353°, 14%, 94% |
| XYZ | 70.0059, 67.8541, 71.0355 |
| YIQ | 217.3230, 18.3840, 8.2400 |

Conversions

Conversions Part 2

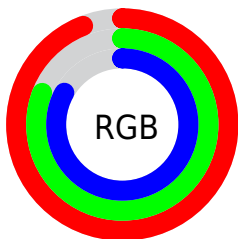
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 240, 207, 211 |
| Decimal | 15781843 |
| CIE Lab | 85.93, 12.18, 2.29 |
| CIE LCh | 86, 12.391, 10.633 |
| Yxy | 67.8541, 0.3351, 0.3248 |
| Android (android.graphics.Color) | 4293971923 (0xFFFF0CFD3) |
| YUV | 217.3230, -3.1172, 19.8877 |
| Hunter-Lab | 82.3736, 7.5459, 6.5323 |

Details

The XYZ color **70.0059, 67.8541, 71.0355** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0352, 81.6434, 91.3230**, and the grayscale version is **66.1884, 69.6353, 75.8329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2442, 35.4071, 36.7696** is the 20% darker color. If you saturate the color by 10%, you get **62.1544, 56.1084, 56.2165**, and if you desaturate by 10%, it is **79.0921, 81.5122, 87.9797**.

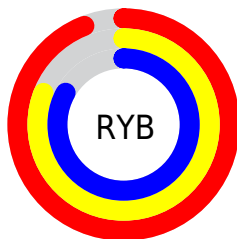
Distribution



Red (94%)

Green (81%)

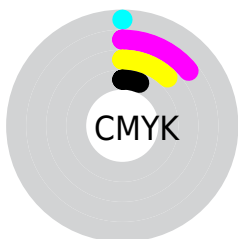
Blue (83%)



Red (94%)

Yellow (81%)

Blue (83%)

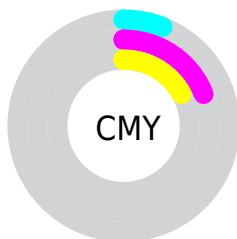


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (6%)



Cyan (6%)

Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0059, 67.8541, 71.0355 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 70.0059, 67.8541, 71.0355 by changing the saturation by 10% instead.

70.0059, 67.8541,
71.0355

70.0059, 67.8541,
71.0355

449.8368,
452.9789, 483.0645

51.8110, 49.7790,
51.8892

118.2434,
116.1434, 122.3792

37.0781, 35.2379,
36.5351

149.0167,
147.1264, 155.4136

25.4419, 23.8462,
24.5548

184.7134,
183.1809, 193.9145

16.5371, 15.2195,
15.5297

225.6990,
224.6912, 238.3004

9.9982, 8.9736,
9.0412

272.3388,
272.0418, 288.9898

5.4600, 4.7240,
4.6709

324.9981,

2.5571, 2.0862,

325.6170, 346.4012

2.0002

384.0423,
385.8013, 410.9533

■ 0.9242, 0.6569,
0.5554

■ 0.0000, 0.0000,
0.0000

■ 70.0059, 67.8541,
71.0355

■ 70.0059, 67.8541,
71.0355

■ 62.1544, 56.1084,
56.2165

■ 79.0921, 81.5122,
87.9797

■ 55.4786, 46.1812,
43.4345

■ 89.4552, 97.1493,
107.1233

■ 49.9234, 37.9842,
32.6015

■ 89.7455, 97.2654,
108.6518

■ 45.4270, 31.4181,
23.6214

■ 41.9214, 26.3736,
16.3898

■ 39.3308, 22.7280,
10.7920

■ 37.5681, 20.3396,
6.6993

■ 36.5288, 19.0362,
3.9633

■ 36.1581, 18.6145,
2.8538

Harmonies

Analogous

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



69.7790, 67.8541, 79.1856



70.0059, 67.8541, 71.0355



68.7233, 67.8541, 64.1655

Triad

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



70.0059, 67.8541, 71.0355



61.0049, 67.8541, 62.6460



62.7008, 67.8541, 89.6261

Complementary

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



70.0059, 67.8541, 71.0355



72.0352, 81.6434, 91.3230

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.



60.4405, 67.8541, 84.5321



70.0059, 67.8541, 71.0355



59.4815, 67.8541, 68.8199

Square

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



70.0059, 67.8541, 71.0355



63.4917, 67.8541, 59.5631



59.2779, 67.8541, 76.8027



65.5053, 67.8541, 90.3285

Rectangle

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



70.0059, 67.8541, 71.0355



67.2062, 67.8541, 61.0828



59.2779, 67.8541, 76.8027



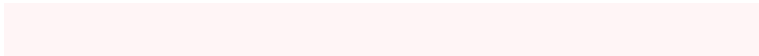
61.8544, 67.8541, 88.3539

Sweetspot

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



70.0078, 67.8571, 71.0369



90.4719, 93.0998, 100.4188



72.5025, 68.6845, 91.8750



19.1861, 19.6583, 21.1621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

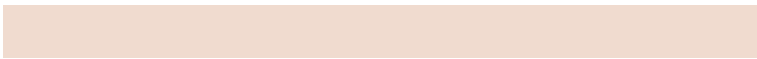
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0078, 67.8571, 71.0369



78.1420, 74.5763, 77.3913



72.5574, 73.7480, 69.4458



15.8507, 15.7900, 16.7698



19.8186, 10.1998, 1.6952



1.6737, 0.8585, 0.2726

Inverse Universe

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



70.0078, 67.8571, 71.0369



78.1420, 74.5763, 77.3913



69.1787, 74.9909, 93.2674



15.8507, 15.7900, 16.7698



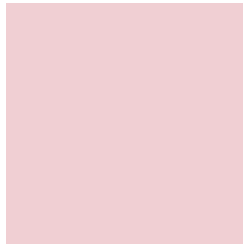
19.8186, 10.1998, 1.6952



1.6737, 0.8585, 0.2726

Previews

White Background



This preview shows how the XYZ color 70.0059, 67.8541, 71.0355 looks on a white background.

Color Contrast Check

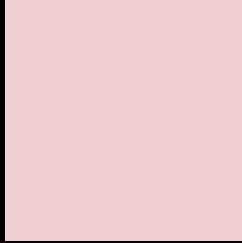
Large Text (above 18pt) WCAG AA × Fail

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 70.0059, 67.8541, 71.0355 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 70.0059, 67.8541, 71.0355

Background



This preview shows how black text looks on a background with the XYZ color 70.0059, 67.8541, 71.0355.



This preview shows how white text looks on a background with the XYZ color 70.0059, 67.8541,

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

70.0059, 67.8541, 71.0355

Protanopia

65.5257, 68.0595, 73.9732

Deuteranopia

69.2388, 67.8194, 71.0692



Tritanopia

71.1581, 67.5839, 77.7012

Trichromacy



Original Color

70.0059, 67.8541, 71.0355

Protanomaly

67.1104, 67.7745, 73.1630

Deuteranomaly

69.5736, 67.9920, 71.0849

Tritanomaly

70.8713, 67.8531, 75.0073

Monochromacy



Original Color

70.0059, 67.8541, 71.0355

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.1113, 68.5023, 73.9751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0059, 67.8541, 71.0355 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(240, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 207, 211)  
}
```

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(240, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.0059, 67.8541, 71.0355 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(240, 207, 211) }
```


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

```
.border{ border-color:rgb(240, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0059, 67.8541, 71.0355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 207, 211) }
```

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

```
.background{ background-color: rgb(240,  
207, 211) }
```

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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