

Converting Colors

XYZ(75.2296, 70.7919, 86.4295)

Have a look what the booklet for
XYZ(75.2296, 70.7919, 86.4295)
contains.

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Color

**XYZ(75.5145, 71.0770,
86.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D1E9
RGB	246, 209, 233
RGB Percent	96%, 82%, 91%
CMY	0.0353, 0.1804, 0.0863
CMYK	0.00, 0.15, 0.05, 0.04
HSL	321°, 67%, 89%
HSV	321°, 15%, 96%
XYZ	75.5145, 71.0770, 86.8300
YIQ	222.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

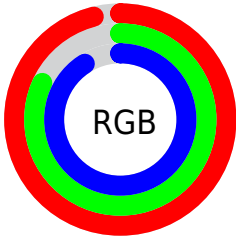
Format	Color
R _Y B	246, 209, 233
Decimal	16175593
CIE Lab	87.52, 16.87, -6.98
CIE LCh	88, 18.261, 337.528
Yxy	71.0770, 0.3235, 0.3045
Android (android.graphics.Color)	4294365673 (0xFFF6D1E9)
YUV	222.7990, 5.0291, 20.3473
Hunter-Lab	84.3072, 12.3461, -2.0492

Details

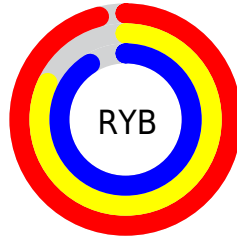
The XYZ color **75.5145, 71.0770, 86.8300** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4379, 84.7427, 81.6504**, and the grayscale version is **69.9567, 73.5999, 80.1503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4777, 37.1043, 46.6234** is the 20% darker color. If you saturate the color by 10%, you get **68.7344, 59.4441, 78.6264**, and if you desaturate by 10%, it is **83.2911, 84.6041, 95.6660**.

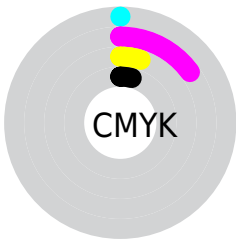
Distribution



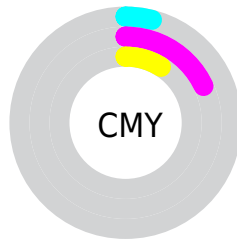
- Red (96%)
- Green (82%)
- Blue (91%)



- Red (96%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5145, 71.0770, 86.8300 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 75.5145, 71.0770, 86.8300 by changing the saturation by 10% instead.

 75.5145, 71.0770,
86.8300

 75.5145, 71.0770,
86.8300

468.6541,
464.3226, 537.9658

 56.3301, 52.4050,
64.7957


126.0244,
120.7434, 144.8239

 40.7057, 37.3280,
46.8452


158.0807,
152.5065, 181.6207

 28.2759, 25.4616,
32.5598

195.1583,
189.4023, 224.1753

 18.6752, 16.4213,
21.5211

237.6226,
231.8149, 272.9064

 11.5385, 9.8227,
13.3105

285.8390,
280.1288, 328.2324

 6.5002, 5.2816,
7.5095

340.1728,

 3.1951, 2.4134,

334.7285, 390.5720

3.6995

400.9894,
395.9983, 460.3436

■ 1.2577, 0.8328,
1.4620

■ 0.1512, 0.0000,
0.1893

■ 75.5145, 71.0770,
86.8300

■ 75.5145, 71.0770,
86.8300

■ 68.7344, 59.4441,
78.6264

■ 83.2911, 84.6041,
95.6660

■ 62.9012, 49.6103,
71.0318

■ 91.0673, 98.0334,
104.8036

■ 57.9700, 41.4867,
64.0278

■ 91.8165, 98.3331,
108.7487

■ 53.8900, 34.9728,
57.5931

■ 50.6049, 29.9576,
51.7044

■ 48.0514, 26.3157,
46.3360

■ 46.1557, 23.9016,
41.4584

■ 44.8275, 22.5358,
37.0368

■ 44.3131, 22.1157,
34.9888

Harmonies

Analogous

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



72.7360, 71.0770, 97.7989



75.5145, 71.0770, 86.8300



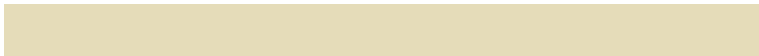
76.1174, 71.0770, 74.3202

Triad

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



75.5145, 71.0770, 86.8300



66.4757, 71.0770, 56.1493



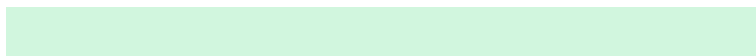
61.1899, 71.0770, 92.7811

Complementary

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



75.5145, 71.0770, 86.8300



72.4379, 84.7427, 81.6504

Split Complementary

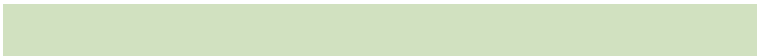
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.6629, 71.0770, 80.5448



75.5145, 71.0770, 86.8300



62.6290, 71.0770, 60.0397

Square

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



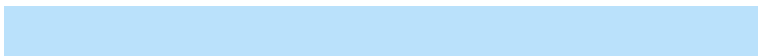
75.5145, 71.0770, 86.8300



70.7767, 71.0770, 57.4503



60.1783, 71.0770, 68.6617



64.4356, 71.0770, 101.4818

Rectangle

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



75.5145, 71.0770, 86.8300



75.1819, 71.0770, 66.9230



60.1783, 71.0770, 68.6617



60.4651, 71.0770, 88.8969

Sweetspot

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



75.5166, 71.0801, 86.8315



90.4035, 91.8480, 103.8340



69.5468, 67.7801, 96.6072



19.2152, 19.4233, 22.0754



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.



75.5166, 71.0801, 86.8315



79.6260, 73.1344, 91.4812



73.0170, 70.0803, 73.6691



16.9519, 16.6636, 19.4933



23.7213, 11.8320, 19.0387



2.1335, 1.0594, 1.9292

Inverse Universe

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



75.5166, 71.0801, 86.8315



79.6260, 73.1344, 91.4812



75.0477, 85.7866, 95.3936



16.9519, 16.6636, 19.4933



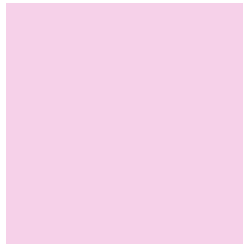
23.7213, 11.8320, 19.0387



2.1335, 1.0594, 1.9292

Previews

White Background



This preview shows how the XYZ color 75.5145, 71.0770, 86.8300 looks on a white background.

Color Contrast Check

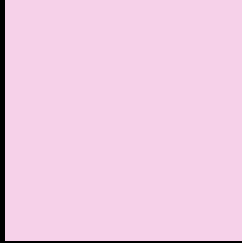
Large Text (above 18pt) WCAG AA × Fail

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 75.5145, 71.0770, 86.8300 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 75.5145, 71.0770, 86.8300

Background



This preview shows how black text looks on a background with the XYZ color 75.5145, 71.0770, 86.8300.



This preview shows how white text looks on a background with the XYZ color 75.5145, 71.0770,

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

75.5145, 71.0770, 86.8300

Protanopia

69.5648, 71.2802, 91.7534

Deuteranopia

72.6207, 71.0769, 86.2356



Tritanopia

74.4302, 70.9967, 81.7323

Trichromacy



Original Color

75.5145, 71.0770, 86.8300

Protanomaly

71.5814, 71.2093, 90.0928

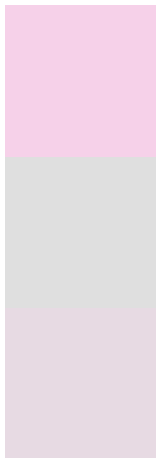
Deuteranomaly

73.7056, 71.2639, 86.2145

Tritanomaly

74.8456, 71.1628, 83.9197

Monochromacy



Original Color

75.5145, 71.0770, 86.8300

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.8915, 72.6778, 82.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5145, 71.0770, 86.8300 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, 209, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 233)  
}
```

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, 209, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.5145, 71.0770, 86.8300 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, 209, 233) }
```


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

```
.border{ border-color:rgb(246, 209, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 209, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 209, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 209, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 209,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5145, 71.0770, 86.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 233) }
```

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

```
.background{ background-color: rgb(246,  
209, 233) }
```

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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