

Converting Colors

XYZ(71.0966, 65.8355, 75.9782)

Have a look what the booklet for
XYZ(71.0966, 65.8355, 75.9782)
contains.

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Color

**XYZ(71.0966, 65.8355,
75.9782)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5C8DB |
| RGB | 245, 200, 219 |
| RGB Percent | 96%, 78%, 86% |
| CMY | 0.0392, 0.2157, 0.1412 |
| CMYK | 0.00, 0.18, 0.11, 0.04 |
| HSL | 335°, 69%, 87% |
| HSV | 335°, 18%, 96% |
| XYZ | 71.0966, 65.8355, 75.9782 |
| YIQ | 215.6210, 20.7210, 15.4490 |

Conversions

Conversions Part 2

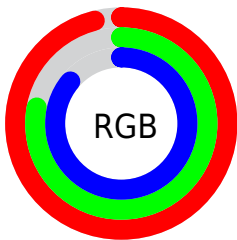
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 245, 200, 219 |
| Decimal | 16107739 |
| CIELab | 84.91, 18.91, -3.41 |
| CIElCh | 85, 19.216, 349.787 |
| Yxy | 65.8355, 0.3339, 0.3092 |
| Android (android.graphics.Color) | 4294297819 (0xFFF5C8DB) |
| YUV | 215.6210, 1.6658, 25.7654 |
| Hunter-Lab | 81.1391, 14.4139, 1.2785 |

Details

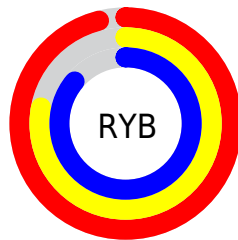
The XYZ color **71.0966, 65.8355, 75.9782** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2018, 83.0768, 84.2907**, and the grayscale version is **64.9932, 68.3779, 74.4635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7188, 33.9295, 39.6830** is the 20% darker color. If you saturate the color by 10%, you get **64.0858, 54.6701, 64.8340**, and if you desaturate by 10%, it is **79.1789, 78.8885, 88.2632**.

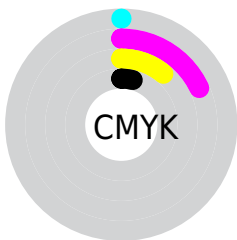
Distribution



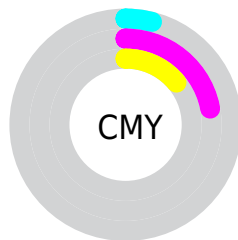
- Red (96%)
- Green (78%)
- Blue (86%)



- Red (96%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0966, 65.8355, 75.9782 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 71.0966, 65.8355, 75.9782 by changing the saturation by 10% instead.


 71.0966, 65.8355,
75.9782

 71.0966, 65.8355,
75.9782

453.5976,
445.7883, 500.6179

 52.7039, 48.1389,
55.9081


119.7890,
113.2502, 129.4559

 37.7929, 33.9369,
39.7257


150.8194,
143.7371, 163.7006

 25.9985, 22.8451,
27.0126


186.7931,
179.2561, 203.5071

 16.9552, 14.4792,
17.3502

228.0753,
220.1918, 249.2942

 10.2977, 8.4547,
10.3199

275.0316,
266.9285, 301.4803

 5.6605, 4.3872,
5.5032

328.0271,

 2.6785, 1.8925,

319.8505, 360.4839

2.4816

387.4274,
379.3423, 426.7236

0.9861, 0.5438,
0.8304

0.0000, 0.0000,
0.0000

71.0966, 65.8355,
75.9782

71.0966, 65.8355,
75.9782

64.0858, 54.6701,
64.8340

79.1789, 78.8885,
88.2632

58.0936, 45.2955,
54.7912

88.3712, 93.9026,
101.7182

53.0713, 37.6196,
45.8143

91.4665, 98.1526,
108.7323

48.9633, 31.5384,
37.8638

■ 45.7084, 26.9364,
30.8973

■ 43.2371, 23.6822,
24.8685

■ 41.4681, 21.6210,
19.7262

■ 40.2883, 20.5349,
15.4068

■ 40.1264, 20.4006,
14.7688

Harmonies

Analogous

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



69.1239, 65.8355, 88.1380



71.0966, 65.8355, 75.9782



70.7073, 65.8355, 63.9402

Triad

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



71.0966, 65.8355, 75.9782



59.8090, 65.8355, 51.5766



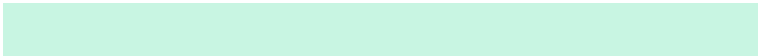
57.3715, 65.8355, 91.3941

Complementary

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



71.0966, 65.8355, 75.9782



70.2018, 83.0768, 84.2907

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.



55.0909, 65.8355, 80.0283



71.0966, 65.8355, 75.9782



56.4528, 65.8355, 57.4163

Square

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



71.0966, 65.8355, 75.9782



64.0568, 65.8355, 50.7573



54.7625, 65.8355, 67.5541



61.1156, 65.8355, 97.6916

Rectangle

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



71.0966, 65.8355, 75.9782



69.1663, 65.8355, 57.5333



54.7625, 65.8355, 67.5541



56.4157, 65.8355, 87.9825

Sweetspot

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



71.0985, 65.8384, 75.9796



88.9708, 90.0673, 100.0124



68.3456, 63.9924, 95.1364



18.9076, 19.0569, 21.2057



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.



71.0985, 65.8384, 75.9796



74.9036, 67.3661, 78.5733



69.4397, 66.2975, 63.7840



16.7894, 16.5986, 18.6376



21.6825, 11.0164, 8.3021



1.9558, 0.9883, 0.9939

Inverse Universe

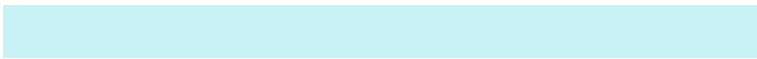
The Inverse Universe completely reimagines the original color for something new.



71.0985, 65.8384, 75.9796



74.9036, 67.3661, 78.5733



72.0550, 82.3778, 98.4897



16.7894, 16.5986, 18.6376



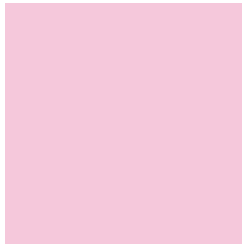
21.6825, 11.0164, 8.3021



1.9558, 0.9883, 0.9939

Previews

White Background



This preview shows how the XYZ color 71.0966, 65.8355, 75.9782 looks on a white background.

Color Contrast Check

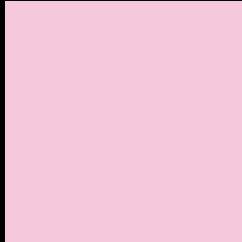
Large Text (above 18pt) WCAG AA × Fail

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 71.0966, 65.8355, 75.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

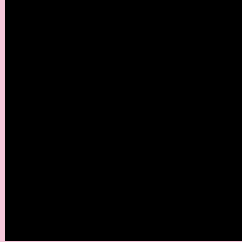
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0966, 65.8355, 75.9782

Background



This preview shows how black text looks on a background with the XYZ color 71.0966, 65.8355, 75.9782.



This preview shows how white text looks on a background with the XYZ color 71.0966, 65.8355,

75.9782.

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

71.0966, 65.8355, 75.9782

Protanopia

64.1731, 66.0766, 81.3233

Deuteranopia

67.3593, 66.0276, 75.5240



Tritanopia

70.7051, 65.6789, 73.9165

Trichromacy



Original Color

71.0966, 65.8355, 75.9782

Protanomaly

66.3726, 65.8007, 79.0146

Deuteranomaly

68.5087, 65.9099, 75.4407

Tritanomaly

70.8349, 65.7308, 74.5996

Monochromacy



Original Color

71.0966, 65.8355, 75.9782

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.2495, 67.4338, 75.1172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0966, 65.8355, 75.9782 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(245, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(245, 200, 219)  
}
```

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(245, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 200, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.0966, 65.8355, 75.9782 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(245, 200, 219) }
```


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

```
.border{ border-color:rgb(245, 200, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 200, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 200,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0966, 65.8355, 75.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 200, 219) }
```

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

```
.background{ background-color: rgb(245,  
200, 219) }
```

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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