

Converting Colors

XYZ(70.8532, 64.8727, 77.7620)

Have a look what the booklet for
XYZ(70.8532, 64.8727, 77.7620)
contains.

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Color

**XYZ(71.0351, 65.0746,
77.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C6DE
RGB	245, 198, 222
RGB Percent	96%, 78%, 87%
CMY	0.0392, 0.2235, 0.1294
CMYK	0.00, 0.19, 0.09, 0.04
HSL	329°, 70%, 87%
HSV	329°, 19%, 96%
XYZ	71.0351, 65.0746, 77.9239
YIQ	214.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

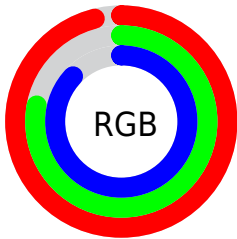
Format	Color
R _Y B	245, 198, 222
Decimal	16107230
CIE Lab	84.52, 20.46, -5.58
CIE LCh	85, 21.211, 344.742
Yxy	65.0746, 0.3319, 0.3040
Android (android.graphics.Color)	4294297310 (0xFFF5C6DE)
YUV	214.7890, 3.5550, 26.4950
Hunter-Lab	80.6688, 16.0125, -0.8044

Details

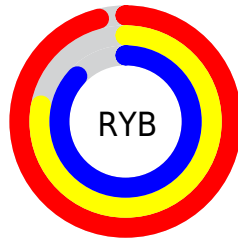
The XYZ color **71.0351, 65.0746, 77.9239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9949, 82.5328, 80.7046**, and the grayscale version is **64.4173, 67.7720, 73.8037**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6873, 33.4279, 41.0251** is the 20% darker color. If you saturate the color by 10%, you get **64.3315, 54.1478, 68.0407**, and if you desaturate by 10%, it is **78.7625, 77.8644, 88.7138**.

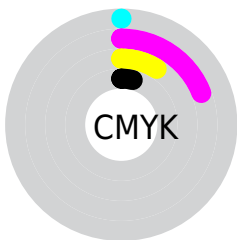
Distribution



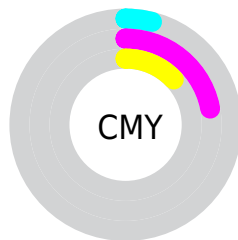
- Red (96%)
- Green (78%)
- Blue (87%)



- Red (96%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0351, 65.0746, 77.9239 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 71.0351, 65.0746, 77.9239 by changing the saturation by 10% instead.

71.0351, 65.0746,
77.9239

71.0351, 65.0746,
77.9239

453.3861,
443.0600, 507.4294

52.6535, 47.5216,
57.4954

119.7019,
112.1571, 132.2277

37.7526, 33.4482,
40.9911

150.7179,
142.4554, 166.9401

25.9671, 22.4700,
27.9925

186.6760,
177.7708, 207.2509

16.9315, 14.2026,
18.0810

227.9416,
218.4879, 253.5786

10.2807, 8.2617,
10.8381

274.8800,
264.9909, 306.3418

5.6492, 4.2629,
5.8453


327.8567,


2.6716, 1.8217,


317.6644, 365.9589


2.6840


387.2369,
376.8926, 432.8486


 0.9826, 0.5006,
0.9353


 0.0000, 0.0000,
0.0000


 71.0351, 65.0746,
77.9239


 71.0351, 65.0746,
77.9239


 64.3315, 54.1478,
68.0407


 78.7625, 77.8644,
88.7138

 58.6003, 44.9875,
59.0331

 87.5510, 92.5906,
100.4319

 53.7938, 37.5014,
50.8741

 91.4666, 98.1527,
108.7323

 49.8581, 31.5856,
43.5332

■ 46.7330, 27.1240,
36.9774

■ 44.3503, 23.9847,
31.1706

■ 42.6296, 22.0110,
26.0721

■ 41.4492, 20.9645,
21.6266

■ 41.3644, 20.8958,
21.2872

Harmonies

Analogous

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



68.4683, 65.0746, 90.9852



71.0351, 65.0746, 77.9239



71.0583, 65.0746, 64.4392

Triad

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



71.0351, 65.0746, 77.9239



59.5686, 65.0746, 48.5574



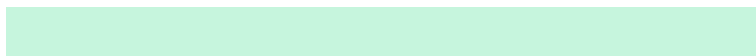
55.6214, 65.0746, 90.7900

Complementary

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



71.0351, 65.0746, 77.9239



68.9949, 82.5328, 80.7046

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.



53.4764, 65.0746, 77.6834



71.0351, 65.0746, 77.9239



55.6752, 65.0746, 53.9374

Square

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



71.0351, 65.0746, 77.9239



64.2728, 65.0746, 48.6044



53.4955, 65.0746, 64.2274



59.4917, 65.0746, 99.0323

Rectangle

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



71.0351, 65.0746, 77.9239



69.6198, 65.0746, 57.0399



53.4955, 65.0746, 64.2274



54.6836, 65.0746, 86.7384

Sweetspot

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



71.0370, 65.0775, 77.9253



89.1795, 90.1507, 101.1111



66.4107, 62.3117, 94.9142



18.9568, 19.0766, 21.4653



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.



71.0370, 65.0775, 77.9253



74.8271, 66.4052, 81.0385



68.1363, 63.9172, 62.6506



16.8523, 16.6238, 18.9687



22.3538, 11.2850, 11.8376



2.0166, 1.0126, 1.3139

Inverse Universe

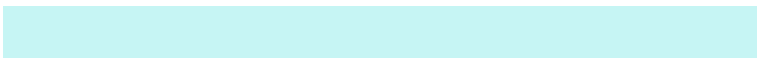
The Inverse Universe completely reimagines the original color for something new.



71.0370, 65.0775, 77.9253



74.8271, 66.4052, 81.0385



72.3052, 83.8569, 98.1366



16.8523, 16.6238, 18.9687



22.3538, 11.2850, 11.8376



2.0166, 1.0126, 1.3139

Previews

White Background



This preview shows how the XYZ color 71.0351, 65.0746, 77.9239 looks on a white background.

Color Contrast Check

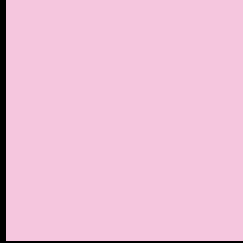
Large Text (above 18pt) WCAG AA × Fail

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 71.0351, 65.0746, 77.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

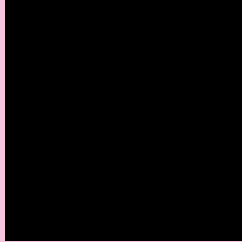
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0351, 65.0746, 77.9239

Background



This preview shows how black text looks on a background with the XYZ color 71.0351, 65.0746, 77.9239.



This preview shows how white text looks on a background with the XYZ color 71.0351, 65.0746,

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

71.0351, 65.0746, 77.9239

Protanopia

63.7678, 65.4520, 83.4013

Deuteranopia

66.5610, 65.2140, 77.4860



Tritanopia

69.9974, 64.9862, 73.1443

Trichromacy



Original Color

71.0351, 65.0746, 77.9239

Protanomaly

66.2302, 65.3216, 81.0691

Deuteranomaly

68.1034, 64.9539, 77.3545

Tritanomaly

70.3865, 65.1419, 75.1935

Monochromacy



Original Color

71.0351, 65.0746, 77.9239

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.8194, 66.8316, 75.7077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0351, 65.0746, 77.9239 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, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 222)  
}
```

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, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.0351, 65.0746, 77.9239 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, 198, 222) }
```


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

```
.border{ border-color:rgb(245, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0351, 65.0746, 77.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 222) }
```

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

```
.background{ background-color: rgb(245,  
198, 222) }
```

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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