

Converting Colors

XYZ(71.7517, 63.3684, 78.8981)

Have a look what the booklet for
XYZ(71.7517, 63.3684, 78.8981)
contains.

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Color

**XYZ(71.7285, 63.4051,
78.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC0E0
RGB	250, 192, 224
RGB Percent	98%, 75%, 88%
CMY	0.0196, 0.2470, 0.1216
CMYK	0.00, 0.23, 0.10, 0.02
HSL	327°, 85%, 87%
HSV	327°, 23%, 98%
XYZ	71.7285, 63.4051, 78.9789
YIQ	212.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

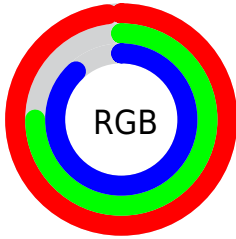
Format	Color
R _Y B	250, 192, 224
Decimal	16433376
CIE Lab	83.66, 25.67, -7.88
CIE LCh	84, 26.854, 342.935
Yxy	63.4051, 0.3350, 0.2961
Android (android.graphics.Color)	4294623456 (0xFFFA0E0)
YUV	212.9900, 5.4279, 32.4578
Hunter-Lab	79.6273, 21.4455, -3.0681

Details

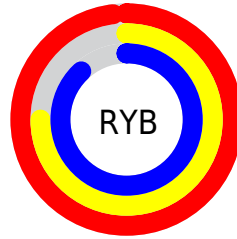
The XYZ color **71.7285, 63.4051, 78.9789** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5813, 84.6413, 79.0564**, and the grayscale version is **63.1942, 66.4852, 72.4024**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **38.2422, 32.3790, 41.7703** is the 20% darker color. If you saturate the color by 10%, you get **65.2285, 52.7574, 69.5587**, and if you desaturate by 10%, it is **79.2647, 75.9632, 89.2404**.

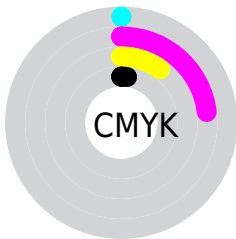
Distribution



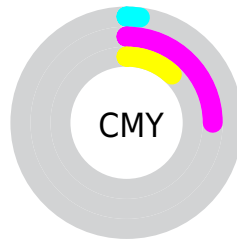
- Red (98%)
- Green (75%)
- Blue (88%)



- Red (98%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7285, 63.4051, 78.9789 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 71.7285, 63.4051, 78.9789 by changing the saturation by 10% instead.

71.7285, 63.4051,
78.9789

71.7285, 63.4051,
78.9789

455.7684,
437.0382, 511.1007

53.2216, 46.1690,
58.3572

120.6833,
109.7537, 133.7276

38.2079, 32.3792,
41.6793

151.8620,
139.6351, 168.6916

26.3220, 21.6513,
28.5266

187.9953,
174.5003, 209.2736

17.1986, 13.6009,
18.4805

229.4485,
214.7338, 255.8920

10.4724, 7.8436,
11.1225

276.5871,
260.7199, 308.9654

5.7779, 3.9950,
6.0341

329.7763,

2.7499, 1.6708,

312.8431, 368.9122

2.7967

389.3817,
371.4877, 436.1512

■ 1.0229, 0.4046,
0.9918

■ 0.0000, 0.0000,
0.0000

■ 71.7285, 63.4051,
78.9789

■ 71.7285, 63.4051,
78.9789

■ 65.2285, 52.7574,
69.5587

■ 79.2647, 75.9632,
89.2404

■ 59.7102, 43.9166,
60.9499

■ 87.8773, 90.5115,
100.3634

■ 55.1223, 36.7823,
53.1264

■ 93.2347, 99.0642,
108.8150

■ 51.4062, 31.2410,
46.0587

■ 48.4965, 27.1649,
39.7146

■ 46.3177, 24.4064,
34.0582

■ 44.7783, 22.7865,
29.0477

■ 44.0066, 22.1569,
25.9728

Harmonies

Analogous

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



68.2963, 63.4051, 95.5518



71.7285, 63.4051, 78.9789



71.9655, 63.4051, 62.0418

Triad

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



71.7285, 63.4051, 78.9789



57.7698, 63.4051, 42.0501



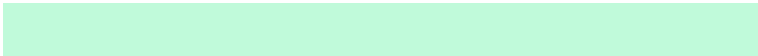
52.3625, 63.4051, 93.5180

Complementary

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



71.7285, 63.4051, 78.9789



68.5813, 84.6413, 79.0564

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.



49.9062, 63.4051, 76.5400



71.7285, 63.4051, 78.9789



52.8887, 63.4051, 47.9466

Square

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



71.7285, 63.4051, 78.9789



63.6427, 63.4051, 42.4854



50.0923, 63.4051, 59.9672



57.0083, 63.4051, 104.8366

Rectangle

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



71.7285, 63.4051, 78.9789



70.2574, 63.4051, 52.8910



50.0923, 63.4051, 59.9672



51.2674, 63.4051, 88.1748

Sweetspot

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



71.7303, 63.4079, 78.9802



88.3558, 88.6305, 100.4444



64.7625, 59.3768, 98.4908



18.7940, 18.7714, 21.3477



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.



71.7303, 63.4079, 78.9802



71.6155, 60.7022, 77.7476



68.2249, 62.0058, 60.5208



17.6454, 17.3855, 19.9884



23.4159, 11.7821, 14.1644



2.2221, 1.1126, 1.5932

Inverse Universe

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



71.7303, 63.4079, 78.9802



71.6155, 60.7022, 77.7476



72.5809, 86.2412, 100.1180



17.6454, 17.3855, 19.9884



23.4159, 11.7821, 14.1644



2.2221, 1.1126, 1.5932

Previews

White Background



This preview shows how the XYZ color 71.7285, 63.4051, 78.9789 looks on a white background.

Color Contrast Check

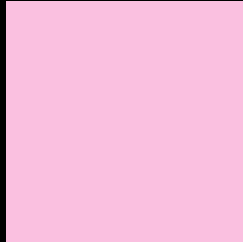
Large Text (above 18pt) WCAG AA × Fail

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 71.7285, 63.4051, 78.9789 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 71.7285, 63.4051, 78.9789

Background



This preview shows how black text looks on a background with the XYZ color 71.7285, 63.4051, 78.9789.



This preview shows how white text looks on a background with the XYZ color 71.7285, 63.4051,

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

71.7285, 63.4051, 78.9789

Protanopia

62.3409, 63.5453, 86.8217

Deuteranopia

64.9722, 63.6738, 77.9731



Tritanopia

69.6360, 63.1932, 69.5001

Trichromacy



Original Color

71.7285, 63.4051, 78.9789

Protanomaly

65.2223, 63.3264, 83.6485

Deuteranomaly

67.3470, 63.4982, 78.5188

Tritanomaly

70.4026, 63.1860, 72.7755

Monochromacy



Original Color

71.7285, 63.4051, 78.9789

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.7197, 64.8411, 74.6974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7285, 63.4051, 78.9789 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(250, 192, 224)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 224)  
}
```

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(250, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.7285, 63.4051, 78.9789 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(250, 192, 224) }
```


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

```
.border{ border-color:rgb(250, 192, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7285, 63.4051, 78.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 224) }
```

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

```
.background{ background-color: rgb(250,  
192, 224) }
```

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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