

Converting Colors

XYZ(73.4941, 67.9585, 87.4473)

Have a look what the booklet for
XYZ(73.4941, 67.9585, 87.4473)
contains.

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Color

**XYZ(73.5154, 67.8855,
87.0704)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CBEA
RGB	244, 203, 234
RGB Percent	96%, 80%, 92%
CMY	0.0431, 0.2039, 0.0823
CMYK	0.00, 0.17, 0.04, 0.04
HSL	315°, 65%, 88%
HSV	315°, 17%, 96%
XYZ	73.5154, 67.8855, 87.0704
YIQ	218.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

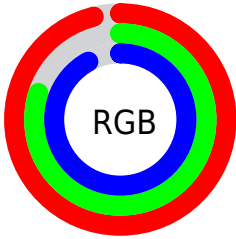
Format	Color
RYB	244, 203, 234
Decimal	16042986
CIELab	85.95, 19.53, -9.86
CIELCh	86, 21.882, 333.208
Yxy	67.8855, 0.3218, 0.2971
Android (android.graphics.Color)	4294233066 (0xFFFF4CBEA)
YUV	218.7930, 7.4971, 22.1065
Hunter-Lab	82.3927, 15.0807, -4.9813

Details

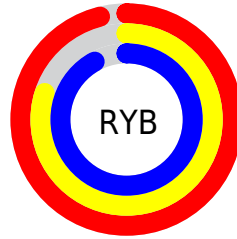
The XYZ color **73.5154, 67.8855, 87.0704** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.9922, 82.2038, 75.1852**, and the grayscale version is **67.1329, 70.6290, 76.9150**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5224, 35.4006, 46.8694** is the 20% darker color. If you saturate the color by 10%, you get **67.3603, 56.9198, 80.8711**, and if you desaturate by 10%, it is **80.6101, 80.6822, 93.7262**.

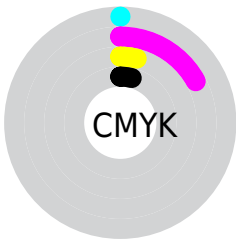
Distribution



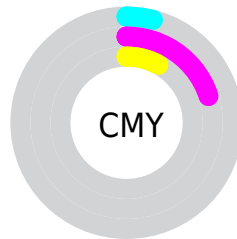
- Red (96%)
- Green (80%)
- Blue (92%)



- Red (96%)
- Yellow (80%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5154, 67.8855, 87.0704 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 73.5154, 67.8855, 87.0704 by changing the saturation by 10% instead.


 73.5154, 67.8855,
87.0704

 73.5154, 67.8855,
87.0704


461.8753,
453.0902, 538.7764

 54.6874, 49.8046,
64.9935


123.2078,
116.1883, 145.1620

 39.3843, 35.2582,
47.0045

154.8029,
147.1790, 182.0138

 27.2409, 23.8618,
32.6848


191.3844,
183.2418, 224.6276

 17.8918, 15.2311,
21.6160

233.3177,
224.7610, 273.4220

 10.9715, 8.9818,
13.3794

280.9680,
272.1211, 328.8156

 6.1148, 4.7293,
7.5565

334.7008,

 2.9564, 2.0893,

325.7064, 391.2268

3.7288

394.8815,
385.9013, 461.0742

■ 1.1307, 0.6586,
1.4778

■ 0.0506, 0.0000,
0.2013

■ 73.5154, 67.8855,
87.0704

■ 73.5154, 67.8855,
87.0704

■ 67.3603, 56.9198,
80.8711

■ 80.6101, 80.6822,
93.7262

■ 62.0961, 47.6916,
75.1084

■ 88.6781, 95.3803,
100.8487

■ 57.6789, 40.1123,
69.7670

■ 90.6166, 97.7725,
106.0725

■ 54.0586, 34.0820,
64.8287

■ 91.1186, 97.9733,
108.7160

■ 51.1796, 29.4902,
60.2737

■ 48.9789, 26.2113,
56.0795

■ 47.3826, 24.0982,
52.2199

■ 46.2974, 22.9644,
48.6624

■ 46.0111, 22.7143,
47.5723

Harmonies

Analogous

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



69.9474, 67.8855, 99.5021



73.5154, 67.8855, 87.0704



74.6334, 67.8855, 72.3819

Triad

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



73.5154, 67.8855, 87.0704



63.9853, 67.8855, 49.6377



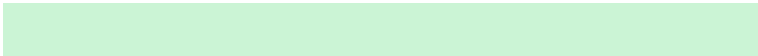
56.7897, 67.8855, 90.0886

Complementary

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



73.5154, 67.8855, 87.0704



68.9922, 82.2038, 75.1852

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.



55.3698, 67.8855, 75.4711



73.5154, 67.8855, 87.0704



59.3868, 67.8855, 53.1410

Square

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



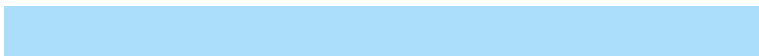
73.5154, 67.8855, 87.0704



68.9662, 67.8855, 51.9110



56.2958, 67.8855, 62.1576



60.2751, 67.8855, 101.3971

Rectangle

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



73.5154, 67.8855, 87.0704



73.7937, 67.8855, 63.5625



56.2958, 67.8855, 62.1576



56.0634, 67.8855, 85.3363

Sweetspot

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



73.5174, 67.8885, 87.0719



90.6198, 91.9345, 104.9730



65.0030, 63.3284, 94.3865



19.2678, 19.4443, 22.3527



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.



73.5174, 67.8885, 87.0719



78.9441, 70.8902, 93.9682



70.7956, 66.7998, 72.7390



17.0307, 16.6951, 19.9084



25.0748, 12.3733, 26.1658



2.2441, 1.1036, 2.5116

Inverse Universe

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



73.5174, 67.8885, 87.0719



78.9441, 70.8902, 93.9682



71.6991, 83.2865, 89.4395



17.0307, 16.6951, 19.9084



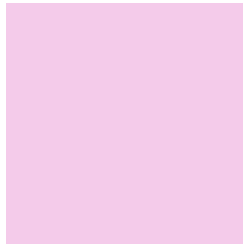
25.0748, 12.3733, 26.1658



2.2441, 1.1036, 2.5116

Previews

White Background



This preview shows how the XYZ color 73.5154, 67.8855, 87.0704 looks on a white background.

Color Contrast Check

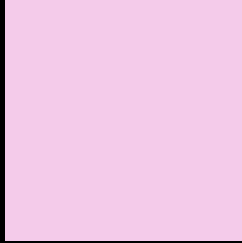
Large Text (above 18pt) WCAG AA × Fail

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 73.5154, 67.8855, 87.0704 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 73.5154, 67.8855, 87.0704

Background



This preview shows how black text looks on a background with the XYZ color 73.5154, 67.8855, 87.0704.



This preview shows how white text looks on a background with the XYZ color 73.5154, 67.8855,

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

73.5154, 67.8855, 87.0704

Protanopia

66.7877, 68.2929, 92.8808

Deuteranopia

69.5034, 67.9781, 86.5487



Tritanopia

71.5004, 67.7603, 77.7172

Trichromacy



Original Color

73.5154, 67.8855, 87.0704

Protanomaly

68.9106, 67.9542, 90.3734

Deuteranomaly

70.9525, 68.0013, 86.4768

Tritanomaly

72.2825, 67.7314, 81.2153

Monochromacy



Original Color

73.5154, 67.8855, 87.0704

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2437, 69.4643, 80.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5154, 67.8855, 87.0704 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(244, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 234)  
}
```

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(244, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.5154, 67.8855, 87.0704 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(244, 203, 234) }
```


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

```
.border{ border-color:rgb(244, 203, 234) }
```

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

Here you see how a box with a 4 pixel rgb(244, 203, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5154, 67.8855, 87.0704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 234) }
```

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

```
.background{ background-color: rgb(244,  
203, 234) }
```

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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