

Converting Colors

XYZ(73.4434, 66.3315, 87.8230)

Have a look what the booklet for
XYZ(73.4434, 66.3315, 87.8230)
contains.

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Color

**XYZ(73.4249, 66.4378,
87.5511)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C7EB
RGB	246, 199, 235
RGB Percent	96%, 78%, 92%
CMY	0.0353, 0.2196, 0.0784
CMYK	0.00, 0.19, 0.04, 0.04
HSL	314°, 72%, 87%
HSV	314°, 19%, 96%
XYZ	73.4249, 66.4378, 87.5511
YIQ	217.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

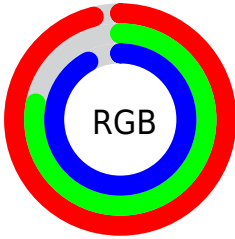
Format	Color
R _Y B	246, 199, 235
Decimal	16173035
CIE Lab	85.22, 22.49, -11.46
CIE LCh	85, 25.243, 332.993
Yxy	66.4378, 0.3229, 0.2921
Android (android.graphics.Color)	4294363115 (0xFFFF6C7EB)
YUV	217.1570, 8.7966, 25.2953
Hunter-Lab	81.5094, 18.1541, -6.6282

Details

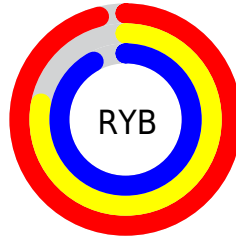
The XYZ color **73.4249, 66.4378, 87.5511** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.1445, 82.7088, 73.3494**, and the grayscale version is **65.9963, 69.4332, 75.6128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2483, 34.3243, 47.2045** is the 20% darker color. If you saturate the color by 10%, you get **67.3979, 55.6928, 81.5043**, and if you desaturate by 10%, it is **80.3976, 79.0292, 94.0475**.

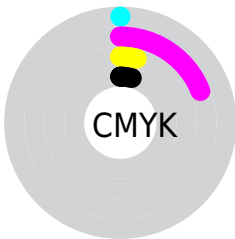
Distribution



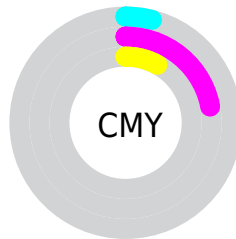
- Red (96%)
- Green (78%)
- Blue (92%)



- Red (96%)
- Yellow (78%)
- Blue (92%)



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





- Cyan (4%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4249, 66.4378, 87.5511 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 73.4249, 66.4378, 87.5511 by changing the saturation by 10% instead.


 73.4249, 66.4378,
87.5511

 73.4249, 66.4378,
87.5511


461.5671,
447.9410, 540.3952

 54.6131, 48.6279,
65.3891


123.0801,
114.1145, 145.8377

 39.3246, 34.3244,
47.3233


154.6542,
144.7500, 182.7994

 27.1942, 23.1429,
32.9352


191.2131,
180.4295, 225.5314

 17.8565, 14.6991,
21.8061

233.1222,
221.5375, 274.4523

 10.9461, 8.6085,
13.5175

280.7468,
268.4582, 329.9805

 6.0976, 4.4867,
7.6510

334.4522,

 2.9457, 1.9494,

321.5761, 392.5348

3.7879

394.6039,
381.2755, 462.5335

■ 1.1251, 0.5778,
1.5097

■ 0.0460, 0.0000,
0.2251

■ 73.4249, 66.4378,
87.5511

■ 73.4249, 66.4378,
87.5511

■ 67.3979, 55.6928,
81.5043

■ 80.3976, 79.0292,
94.0475

■ 62.2667, 46.6976,
75.8870

■ 88.3514, 93.5402,
101.0043

■ 57.9853, 39.3600,
70.6834

■ 91.3810, 98.1589,
106.4550

■ 54.5017, 33.5758,
65.8748

■ 91.8166, 98.3331,
108.7487

■ 51.7575, 29.2291,
61.4405

■ 49.6865, 26.1876,
57.3570

■ 48.2098, 24.2944,
53.5969

■ 47.2089, 23.3123,
50.1192

■ 47.1291, 23.2421,
49.8169

Harmonies

Analogous

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



69.3058, 66.4378, 101.9921



73.4249, 66.4378, 87.5511



74.7378, 66.4378, 70.7127

Triad

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



73.4249, 66.4378, 87.5511



62.5765, 66.4378, 45.3012



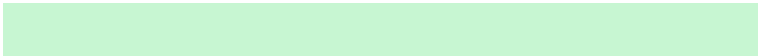
54.3927, 66.4378, 90.8150

Complementary

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



73.4249, 66.4378, 87.5511



68.1445, 82.7088, 73.3494

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.



52.8214, 66.4378, 73.9910



73.4249, 66.4378, 87.5511



57.3646, 66.4378, 49.0755

Square

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



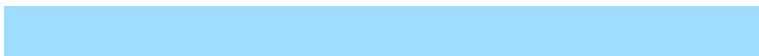
73.4249, 66.4378, 87.5511



68.2564, 66.4378, 47.8208



53.8762, 66.4378, 59.0005



58.2994, 66.4378, 104.0669

Rectangle

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



73.4249, 66.4378, 87.5511



73.7843, 66.4378, 60.7572



53.8762, 66.4378, 59.0005



53.5849, 66.4378, 85.3074

Sweetspot

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



73.4269, 66.4407, 87.5525



89.7905, 90.3952, 104.3288



63.6296, 61.2007, 95.6494



19.1014, 19.1344, 22.2265



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.



73.4269, 66.4407, 87.5525



76.9768, 67.2651, 92.3584



70.2567, 65.1727, 70.8587



17.0380, 16.6981, 19.9467



25.2122, 12.4283, 26.8893



2.2551, 1.1080, 2.5697

Inverse Universe

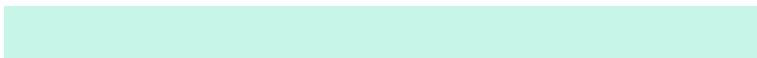
The Inverse Universe completely reimagines the original color for something new.



73.4269, 66.4407, 87.5525



76.9768, 67.2651, 92.3584



71.2860, 83.9654, 89.8926



17.0380, 16.6981, 19.9467



25.2122, 12.4283, 26.8893



2.2551, 1.1080, 2.5697

Previews

White Background



This preview shows how the XYZ color 73.4249, 66.4378, 87.5511 looks on a white background.

Color Contrast Check

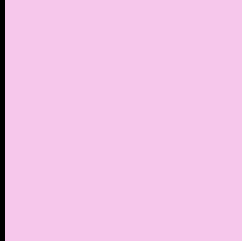
Large Text (above 18pt) WCAG AA × Fail

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 73.4249, 66.4378, 87.5511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

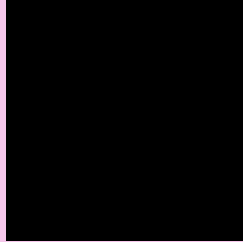
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4249, 66.4378, 87.5511

Background



This preview shows how black text looks on a background with the XYZ color 73.4249, 66.4378, 87.5511.



This preview shows how white text looks on a background with the XYZ color 73.4249, 66.4378,

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

73.4249, 66.4378, 87.5511

Protanopia

65.7336, 66.9679, 94.2556

Deuteranopia

68.0721, 66.5164, 86.3420



Tritanopia

71.0836, 66.5361, 75.4259

Trichromacy



Original Color

73.4249, 66.4378, 87.5511

Protanomaly

68.1652, 66.4465, 91.6708

Deuteranomaly

70.0484, 66.4499, 86.9761

Tritanomaly

71.9974, 66.5676, 79.5752

Monochromacy



Original Color

73.4249, 66.4378, 87.5511

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.4960, 67.9690, 80.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4249, 66.4378, 87.5511 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, 199, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 235)  
}
```

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, 199, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.4249, 66.4378, 87.5511 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, 199, 235) }
```


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

```
.border{ border-color:rgb(246, 199, 235) }
```

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

Here you see how a box with a 4 pixel rgb(246, 199, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4249, 66.4378, 87.5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 235) }
```

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

```
.background{ background-color: rgb(246,  
199, 235) }
```

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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