

Converting Colors

XYZ(71.2403, 57.5179, 85.1257)

Have a look what the booklet for
XYZ(71.2403, 57.5179, 85.1257)
contains.

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Color

**XYZ(71.2273, 57.4726,
85.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEEA
RGB	255, 174, 234
RGB Percent	100%, 68%, 92%
CMY	0.0000, 0.3176, 0.0823
CMYK	0.00, 0.32, 0.08, 0.00
HSL	316°, 100%, 84%
HSV	316°, 32%, 100%
XYZ	71.2273, 57.4726, 85.1811
YIQ	205.0590, 29.0160, 35.8320

Conversions

Conversions Part 2

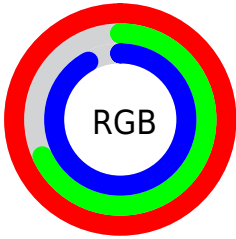
Format	Color
R _Y B	255, 174, 234
Decimal	16756458
CIE Lab	80.44, 38.45, -18.00
CIE LCh	80, 42.453, 334.910
Yxy	57.4726, 0.3330, 0.2687
Android (android.graphics.Color)	4294946538 (0xFFFFAEEA)
YUV	205.0590, 14.2679, 43.7983
Hunter-Lab	75.8107, 35.0395, -13.5509

Details

The XYZ color **71.2273, 57.4726, 85.1811** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.0678, 84.4597, 64.6110**, and the grayscale version is **57.9663, 60.9851, 66.4128**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **37.7783, 28.5176, 45.6328** is the 20% darker color. If you saturate the color by 10%, you get **65.8284, 48.1665, 78.7829**, and if you desaturate by 10%, it is **77.5994, 68.6678, 92.0800**.

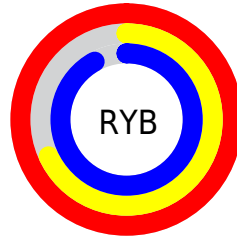
Distribution



Red (100%)

Green (68%)

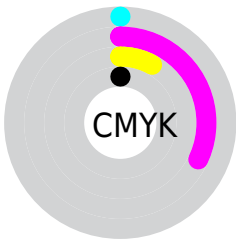
Blue (92%)



Red (100%)

Yellow (68%)

Blue (92%)

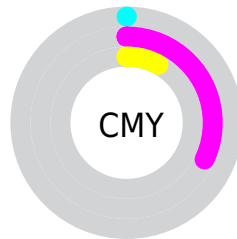


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2273, 57.4726, 85.1811 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 71.2273, 57.4726, 85.1811 by changing the saturation by 10% instead.

71.2273, 57.4726,
85.1811

71.2273, 57.4726,
85.1811

454.0471,
415.2178, 532.3873

52.8109, 41.3848,
63.4400

119.9741,
101.1544, 142.5026

37.8787, 28.6199,
45.7540

151.0352,
129.5173, 178.9201

26.0654, 18.7935,
31.7045

187.0419,
162.7406, 221.0668

17.0055, 11.5211,
20.8729

228.3596,
201.2087, 269.3612

10.3337, 6.4185,
12.8408

275.3536,
245.3061, 324.2219

5.6847, 3.1012,
7.1896


328.3893,


2.6932, 1.1848,


295.4172, 386.0675


3.5007


387.8320,
351.9263, 455.3165


 0.9937, 0.0492,
1.3556


 0.0000, 0.0000,
0.1067


 71.2273, 57.4726,
85.1811


 71.2273, 57.4726,
85.1811


 65.8284, 48.1665,
78.7829

 77.5994, 68.6678,
92.0800

 61.3453, 40.6361,
72.8622

 84.9899, 81.8429,
99.4945

 57.7206, 34.7668,
67.3988

 93.4460, 97.0913,
107.4427

 54.8883, 30.4277,
62.3686

95.0500, 100.0000,
108.9000

■ 52.7730, 27.4682,
57.7446

■ 51.2834, 25.7066,
53.4944

■ 50.4131, 24.9292,
50.2347

Harmonies

Analogous

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



64.7742, 57.4726, 110.6850



71.2273, 57.4726, 85.1811



73.0540, 57.4726, 58.5643

Triad

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



71.2273, 57.4726, 85.1811



53.2060, 57.4726, 25.9417



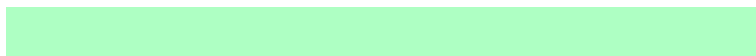
42.0193, 57.4726, 94.2102

Complementary

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



71.2273, 57.4726, 85.1811



63.0678, 84.4597, 64.6110

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.



39.5910, 57.4726, 66.7708



71.2273, 57.4726, 85.1811



45.5972, 57.4726, 30.9283

Square

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



71.2273, 57.4726, 85.1811



62.0341, 57.4726, 28.4339



40.8282, 57.4726, 44.3751



47.8324, 57.4726, 116.7943

Rectangle

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



71.2273, 57.4726, 85.1811



71.2537, 57.4726, 44.4833



40.8282, 57.4726, 44.3751



40.8099, 57.4726, 85.0142

Sweetspot

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



71.2286, 57.4750, 85.1823



86.4015, 84.3772, 100.8560



55.5007, 48.9974, 101.1400



18.2520, 17.6265, 21.3547



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.



71.2286, 57.4750, 85.1823



67.7496, 51.4541, 81.1333



66.1434, 55.4409, 58.4039



18.5797, 18.2152, 21.6699



26.4062, 13.0518, 26.5871



2.6157, 1.2887, 2.8237

Inverse Universe

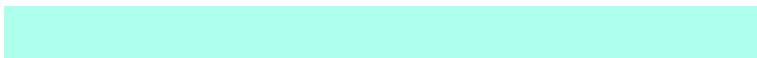
The Inverse Universe completely reimagines the original color for something new.



71.2286, 57.4750, 85.1823



67.7496, 51.4541, 81.1333



68.1764, 86.5032, 91.5127



18.5797, 18.2152, 21.6699



26.4062, 13.0518, 26.5871



2.6157, 1.2887, 2.8237

Previews

White Background



This preview shows how the XYZ color 71.2273, 57.4726, 85.1811 looks on a white background.

Color Contrast Check

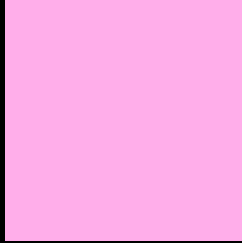
Large Text (above 18pt) WCAG AA × Fail

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 71.2273, 57.4726, 85.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

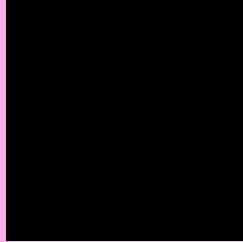
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2273, 57.4726, 85.1811

Background



This preview shows how black text looks on a background with the XYZ color 71.2273, 57.4726, 85.1811.



This preview shows how white text looks on a background with the XYZ color 71.2273, 57.4726,

85.1811.

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

71.2273, 57.4726, 85.1811

Protanopia

57.9429, 57.8551, 98.5557

Deuteranopia

58.9749, 57.7225, 82.8962



Tritanopia

65.7985, 57.3119, 59.2241

Trichromacy



Original Color

71.2273, 57.4726, 85.1811



Protanomaly

61.6781, 56.9239, 93.3246



Deuteranomaly

62.6256, 56.9981, 83.3023



Tritanomaly

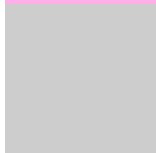
67.5739, 57.1397, 67.7891

Monochromacy



Original Color

71.2273, 57.4726, 85.1811



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

62.1179, 59.2294, 73.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2273, 57.4726, 85.1811 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(255, 174, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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(255, 174, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.2273, 57.4726, 85.1811 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(255, 174, 234) }
```


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

```
.border{ border-color:rgb(255, 174, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2273, 57.4726, 85.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 234) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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