

Converting Colors

XYZ(152.8660, 100.0000,
78.6376)

Have a look what the booklet for
XYZ(152.8660, 100.0000, 78.6376)
contains.

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Color

**XYZ(69.4882, 57.0873,
75.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFDC
RGB	255, 175, 220
RGB Percent	100%, 69%, 86%
CMY	0.0000, 0.3137, 0.1373
CMYK	0.00, 0.31, 0.14, 0.00
HSL	326°, 100%, 84%
HSV	326°, 31%, 100%
XYZ	69.4882, 57.0873, 75.0667
YIQ	204.0500, 33.2350, 30.9550

Conversions

Conversions Part 2

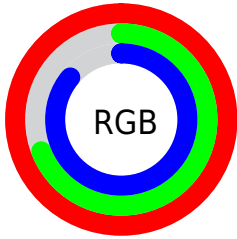
Format	Color
R _Y B	255, 175, 220
Decimal	16756700
CIE Lab	80.23, 35.65, -10.77
CIE LCh	80, 37.243, 343.190
Yxy	57.0873, 0.3446, 0.2831
Android (android.graphics.Color)	4294946780 (0xFFFFAFDC)
YUV	204.0500, 7.8634, 44.6832
Hunter-Lab	75.5561, 31.9414, -6.0166

Details

The XYZ color **69.4882, 57.0873, 75.0667** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.0741, 85.2881, 74.0087**, and the grayscale version is **57.3647, 60.3521, 65.7234**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **36.6549, 28.2617, 39.1204** is the 20% darker color. If you saturate the color by 10%, you get **63.5571, 47.5112, 66.0414**, and if you desaturate by 10%, it is **76.4579, 68.5819, 84.9262**.

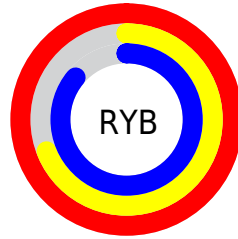
Distribution



Red (100%)

Green (69%)

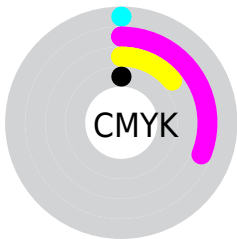
Blue (86%)



Red (100%)

Yellow (69%)

Blue (86%)

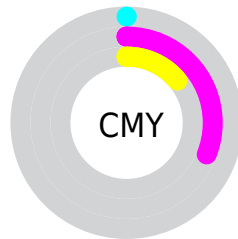


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4882, 57.0873, 75.0667 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 69.4882, 57.0873, 75.0667 by changing the saturation by 10% instead.

69.4882, 57.0873,
75.0667

69.4882, 57.0873,
75.0667

448.0454,
413.7764, 497.4083

51.3875, 41.0753,
55.1655

117.5089,
100.5926, 128.1547

36.7394, 28.3780,
39.1347

148.1595,
128.8546, 162.1786

25.1785, 18.6108,
26.5559

183.7242,
161.9689, 201.7472

16.3395, 11.3894,
17.0105

224.5683,
200.3197, 247.2789

9.8571, 6.3294,
10.0799

271.0571,
244.2914, 299.1923

5.3659, 3.0464,
5.3457


323.5559,


2.5004, 1.1560,


294.2685, 357.9060


2.3892


382.4303,
350.6354, 423.8385


 0.8955, 0.0253,
0.7806


 0.0000, 0.0000,
0.0000

 69.4882, 57.0873,
75.0667

 69.4882, 57.0873,
75.0667


 63.5571, 47.5112,
66.0414


 76.4579, 68.5819,
84.9262

 58.6055, 39.7397,
57.8190

 84.5124, 82.0859,
95.6423

 54.5747, 33.6582,
50.3711

 93.7004, 97.6931,
107.2409

 51.3976, 29.1358,
43.6651

95.0500, 100.0000,
108.9000

■ 48.9974, 26.0219,
37.6652

■ 47.2818, 24.1360,
32.3299

■ 46.2307, 23.2563,
28.2109

Harmonies

Analogous

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



64.8906, 57.0873, 97.9444



69.4882, 57.0873, 75.0667



69.7704, 57.0873, 53.0878

Triad

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



69.4882, 57.0873, 75.0667



50.9925, 57.0873, 29.6619



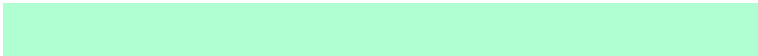
44.2859, 57.0873, 95.4344

Complementary

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



69.4882, 57.0873, 75.0667



65.0741, 85.2881, 74.0087

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.



41.2372, 57.0873, 72.2074



69.4882, 57.0873, 75.0667



44.8585, 57.0873, 36.3619

Square

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



69.4882, 57.0873, 75.0667



58.5974, 57.0873, 30.0818



41.4365, 57.0873, 50.8217



50.1417, 57.0873, 111.4558

Rectangle

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



69.4882, 57.0873, 75.0667



67.4333, 57.0873, 41.9444



41.4365, 57.0873, 50.8217



42.9244, 57.0873, 88.0038

Sweetspot

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



69.4896, 57.0898, 75.0679



86.5858, 85.5914, 98.3105



59.8658, 51.5357, 101.3999



18.2589, 17.8565, 20.6906



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.



69.4896, 57.0898, 75.0679



65.4440, 50.5319, 68.9921



64.8440, 55.2316, 50.6045



18.4373, 18.1582, 20.9200



24.2330, 12.1825, 15.1431



2.4144, 1.2081, 1.7637

Inverse Universe

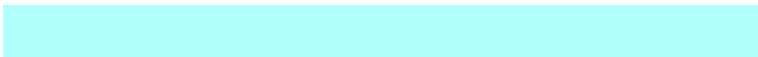
The Inverse Universe completely reimagines the original color for something new.



69.4896, 57.0898, 75.0679



65.4440, 50.5319, 68.9921



70.6438, 87.5160, 103.3380



18.4373, 18.1582, 20.9200



24.2330, 12.1825, 15.1431



2.4144, 1.2081, 1.7637

Previews

White Background



This preview shows how the XYZ color 69.4882, 57.0873, 75.0667 looks on a white background.

Color Contrast Check

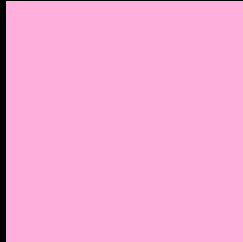
Large Text (above 18pt) WCAG AA × Fail

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 69.4882, 57.0873, 75.0667 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 69.4882, 57.0873, 75.0667

Background



This preview shows how black text looks on a background with the XYZ color 69.4882, 57.0873, 75.0667.



This preview shows how white text looks on a background with the XYZ color 69.4882, 57.0873,

75.0667.

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

69.4882, 57.0873, 75.0667

Protanopia

56.9277, 57.5928, 86.7134

Deuteranopia

58.6801, 57.4422, 73.6403



Tritanopia

66.0918, 57.1882, 58.0071

Trichromacy



Original Color

69.4882, 57.0873, 75.0667



Protanomaly

60.7207, 56.9872, 82.6622



Deuteranomaly

62.1038, 56.9335, 74.0457



Tritanomaly

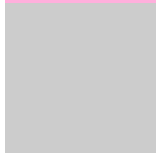
67.2079, 57.0352, 63.9666

Monochromacy



Original Color

69.4882, 57.0873, 75.0667



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.1342, 58.4810, 69.0386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4882, 57.0873, 75.0667 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, 175, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 220)  
}
```

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, 175, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 220) }
```

Border

The CSS property to change the border of an element to XYZ 69.4882, 57.0873, 75.0667 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, 175, 220) }
```


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

```
.border{ border-color:rgb(255, 175, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4882, 57.0873, 75.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 220) }
```

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

```
.background{ background-color: rgb(255,  
175, 220) }
```

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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