

Converting Colors

XYZ(69.2743, 57.1473, 73.4914)

Have a look what the booklet for
XYZ(69.2743, 57.1473, 73.4914)
contains.

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Color

**XYZ(69.2249, 56.9819,
73.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFDA
RGB	255, 175, 218
RGB Percent	100%, 69%, 85%
CMY	0.0000, 0.3137, 0.1451
CMYK	0.00, 0.31, 0.15, 0.00
HSL	328°, 100%, 84%
HSV	328°, 31%, 100%
XYZ	69.2249, 56.9819, 73.6797
YIQ	203.8220, 33.8770, 30.3330

Conversions

Conversions Part 2

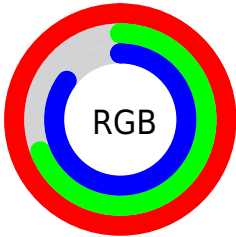
Format	Color
R_{YB}	255, 175, 218
Decimal	16756698
CIE _{Lab}	80.17, 35.34, -9.78
CIE _{LCh}	80, 36.665, 344.533
Yxy	56.9819, 0.3463, 0.2851
Android (android.graphics.Color)	4294946778 (0xFFFFAFDA)
YUV	203.8220, 6.9898, 44.8831
Hunter-Lab	75.4864, 31.5926, -5.0305

Details

The XYZ color **69.2249, 56.9819, 73.6797** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.3249, 85.3884, 75.3293**, and the grayscale version is **57.2257, 60.2059, 65.5642**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **36.4742, 28.1894, 38.1690** is the 20% darker color. If you saturate the color by 10%, you get **63.2334, 47.3817, 64.3371**, and if you desaturate by 10%, it is **76.2659, 68.5050, 83.9155**.

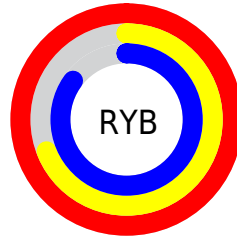
Distribution



Red (100%)

Green (69%)

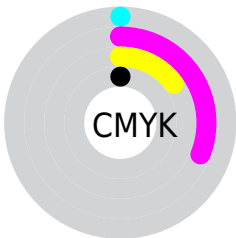
Blue (85%)



Red (100%)

Yellow (69%)

Blue (85%)

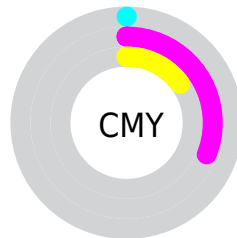


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2249, 56.9819, 73.6797 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 69.2249, 56.9819, 73.6797 by changing the saturation by 10% instead.

69.2249, 56.9819,
73.6797

69.2249, 56.9819,
73.6797

447.1328,
413.3815, 492.5010

51.1722, 40.9907,
54.0367

117.1351,
100.4388, 126.1715

36.5673, 28.3118,
38.2376

147.7232,
128.6733, 159.8574

25.0448, 18.5609,
25.8639

183.2206,
161.7576, 199.0614

16.2393, 11.3534,
16.4970

223.9925,
200.0763, 244.2019

9.7856, 6.3051,
9.7184

270.4043,
244.0136, 295.6976

5.3182, 3.0315,
5.1095


322.8214,


2.4718, 1.1482,


293.9539, 353.9670


2.2518


381.6091,
350.2818, 419.4286


 0.8811, 0.0188,
0.7040


 0.0000, 0.0000,
0.0000


 69.2249, 56.9819,
73.6797


 69.2249, 56.9819,
73.6797


 63.2334, 47.3817,
64.3371


 76.2659, 68.5050,
83.9155

 58.2324, 39.5904,
55.8547

 84.4034, 82.0422,
95.0688

 54.1627, 33.4934,
48.2018

 93.6864, 97.6873,
107.1673

 50.9568, 28.9594,
41.3441

95.0500, 100.0000,
108.9000

■ 48.5374, 25.8380,
35.2433

■ 46.8120, 23.9480,
29.8558

■ 45.7594, 23.0678,
25.7291

Harmonies

Analogous

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



64.8768, 56.9819, 96.2511



69.2249, 56.9819, 73.6797



69.2963, 56.9819, 52.2776

Triad

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



69.2249, 56.9819, 73.6797



50.6326, 56.9819, 30.1216



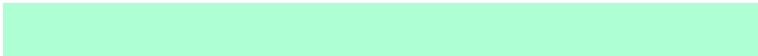
44.5474, 56.9819, 95.6172

Complementary

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



69.2249, 56.9819, 73.6797



65.3249, 85.3884, 75.3293

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.



41.4051, 56.9819, 72.9558



69.2249, 56.9819, 73.6797



44.6929, 56.9819, 37.0857

Square

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



69.2249, 56.9819, 73.6797



58.0832, 56.9819, 30.2289



41.4558, 56.9819, 51.7020



50.4167, 56.9819, 110.7665

Rectangle

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



69.2249, 56.9819, 73.6797



66.8824, 56.9819, 41.5139



41.4558, 56.9819, 51.7020



43.1622, 56.9819, 88.4229

Sweetspot

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



69.2262, 56.9843, 73.6809



86.4984, 85.5565, 97.8500



60.2461, 51.7317, 101.4176



18.2373, 17.8478, 20.5771



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.



69.2262, 56.9843, 73.6809



65.1394, 50.4101, 67.3884



64.7084, 55.1772, 49.8906



18.4176, 18.1504, 20.8163



23.9866, 12.0839, 13.8457



2.3907, 1.1986, 1.6388

Inverse Universe

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



69.2262, 56.9843, 73.6809



65.1394, 50.4101, 67.3884



70.8532, 87.5997, 104.4411



18.4176, 18.1504, 20.8163



23.9866, 12.0839, 13.8457



2.3907, 1.1986, 1.6388

Previews

White Background



This preview shows how the XYZ color 69.2249, 56.9819, 73.6797 looks on a white background.

Color Contrast Check

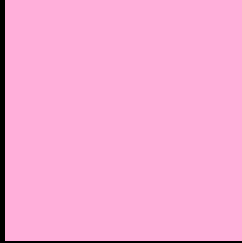
Large Text (above 18pt) WCAG AA × Fail

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 69.2249, 56.9819, 73.6797 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 69.2249, 56.9819, 73.6797

Background



This preview shows how black text looks on a background with the XYZ color 69.2249, 56.9819, 73.6797.



This preview shows how white text looks on a background with the XYZ color 69.2249, 56.9819,

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

69.2249, 56.9819, 73.6797

Protanopia

56.7519, 57.5518, 84.4614

Deuteranopia

58.7089, 57.4869, 72.2918



Tritanopia

65.8906, 56.7859, 57.9400

Trichromacy



Original Color

69.2249, 56.9819, 73.6797



Protanomaly

60.5975, 56.9719, 80.4759



Deuteranomaly

62.1599, 56.9925, 72.6902



Tritanomaly

67.0891, 56.9877, 63.3409

Monochromacy



Original Color

69.2249, 56.9819, 73.6797



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.0100, 58.4314, 68.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2249, 56.9819, 73.6797 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.2249, 56.9819, 73.6797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

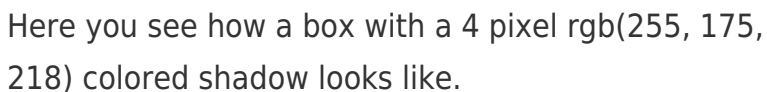
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 218) }
```


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

```
.border{ border-color:rgb(255, 175, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2249, 56.9819, 73.6797 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
175, 218) }
```

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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