

Converting Colors

XYZ(73.2641, 58.9339, 73.3797)

Have a look what the booklet for
XYZ(73.2641, 58.9339, 73.3797)
contains.

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Color

**XYZ(69.0944, 56.9297,
72.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFD9
RGB	255, 175, 217
RGB Percent	100%, 69%, 85%
CMY	0.0000, 0.3137, 0.1490
CMYK	0.00, 0.31, 0.15, 0.00
HSL	329°, 100%, 84%
HSV	329°, 31%, 100%
XYZ	69.0944, 56.9297, 72.9925
YIQ	203.7080, 34.1980, 30.0220

Conversions

Conversions Part 2

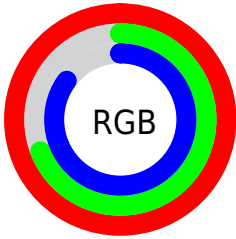
Format	Color
R_{YB}	255, 175, 217
Decimal	16756697
CIE _{Lab}	80.14, 35.18, -9.28
CIE _{LCh}	80, 36.385, 345.222
Yxy	56.9297, 0.3472, 0.2861
Android (android.graphics.Color)	4294946777 (0xFFFFAFD9)
YUV	203.7080, 6.5530, 44.9831
Hunter-Lab	75.4518, 31.4194, -4.5413

Details

The XYZ color **69.0944, 56.9297, 72.9925** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.4514, 85.4390, 75.9958**, and the grayscale version is **57.1563, 60.1329, 65.4847**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **36.3849, 28.1537, 37.6989** is the 20% darker color. If you saturate the color by 10%, you get **63.0736, 47.3178, 63.4957**, and if you desaturate by 10%, it is **76.1705, 68.4669, 83.4132**.

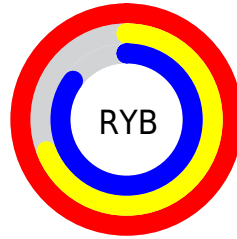
Distribution



Red (100%)

Green (69%)

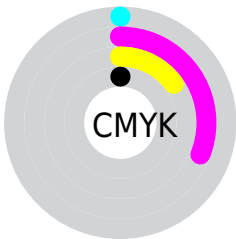
Blue (85%)



Red (100%)

Yellow (69%)

Blue (85%)

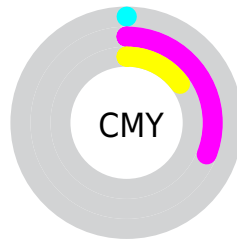


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0944, 56.9297, 72.9925 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 69.0944, 56.9297, 72.9925 by changing the saturation by 10% instead.

69.0944, 56.9297,
72.9925

69.0944, 56.9297,
72.9925

446.6800,
413.1858, 490.0589

51.0655, 40.9488,
53.4780

116.9497,
100.3626, 125.1874

36.4820, 28.2791,
37.7942

147.5069,
128.5834, 158.7049

24.9785, 18.5361,
25.5224

182.9708,
161.6529, 197.7272

16.1897, 11.3356,
16.2441

223.7069,
199.9556, 242.6727

9.7502, 6.2930,
9.5409

270.0806,
243.8759, 293.9602

5.2946, 3.0241,
4.9940


322.4570,


2.4577, 1.1443,


293.7981, 352.0080


2.1851


381.2017,
350.1066, 417.2347


 0.8740, 0.0155,
0.6657


 0.0000, 0.0000,
0.0000


 69.0944, 56.9297,
72.9925


 69.0944, 56.9297,
72.9925


 63.0736, 47.3178,
63.4957


 76.1705, 68.4669,
83.4132

 58.0490, 39.5170,
54.8886

 84.3492, 82.0205,
94.7830

 53.9610, 33.4127,
47.1396

 93.6794, 97.6845,
107.1306

 50.7421, 28.8735,
40.2132

95.0500, 100.0000,
108.9000

■ 48.3146, 25.7488,
34.0699

■ 46.5858, 23.8576,
28.6647

■ 45.5340, 22.9776,
24.5417

Harmonies

Analogous

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



64.8708, 56.9297, 95.4124



69.0944, 56.9297, 72.9925



69.0608, 56.9297, 51.8752

Triad

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



69.0944, 56.9297, 72.9925



50.4534, 56.9297, 30.3532



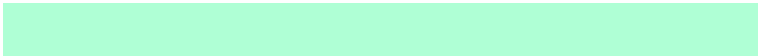
44.6789, 56.9297, 95.7108

Complementary

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



69.0944, 56.9297, 72.9925



65.4514, 85.4390, 75.9958

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.



41.4895, 56.9297, 73.3337



69.0944, 56.9297, 72.9925



44.6102, 56.9297, 37.4516

Square

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



69.0944, 56.9297, 72.9925



57.8275, 56.9297, 30.3024



41.4655, 56.9297, 52.1470



50.5553, 56.9297, 110.4250

Rectangle

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



69.0944, 56.9297, 72.9925



66.6085, 56.9297, 41.2992



41.4655, 56.9297, 52.1470



43.2817, 56.9297, 88.6350

Sweetspot

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



69.0957, 56.9321, 72.9937



86.4547, 85.5390, 97.6202



60.6297, 51.9294, 101.4356



18.2266, 17.8435, 20.5206



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.



69.0957, 56.9321, 72.9937



64.9889, 50.3498, 66.5956



64.5742, 55.1235, 49.1838



18.4078, 18.1464, 20.7645



23.8685, 12.0367, 13.2242



2.3792, 1.1941, 1.5785

Inverse Universe

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



69.0957, 56.9321, 72.9937



64.9889, 50.3498, 66.5956



71.0642, 87.6841, 105.5521



18.4078, 18.1464, 20.7645



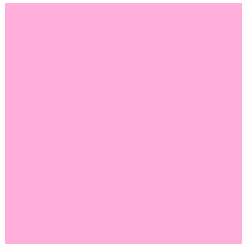
23.8685, 12.0367, 13.2242



2.3792, 1.1941, 1.5785

Previews

White Background



This preview shows how the XYZ color 69.0944, 56.9297, 72.9925 looks on a white background.

Color Contrast Check

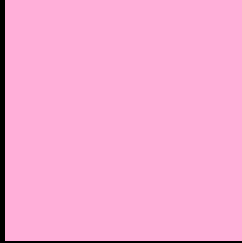
Large Text (above 18pt) WCAG AA × Fail

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 69.0944, 56.9297, 72.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

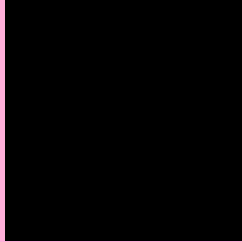
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0944, 56.9297, 72.9925

Background



This preview shows how black text looks on a background with the XYZ color 69.0944, 56.9297, 72.9925.



This preview shows how white text looks on a background with the XYZ color 69.0944, 56.9297,

72.9925.

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

69.0944, 56.9297, 72.9925

Protanopia

56.6102, 57.4951, 83.7153

Deuteranopia

58.3589, 56.9920, 71.5430



Tritanopia

65.8906, 56.7859, 57.9400

Trichromacy



Original Color

69.0944, 56.9297, 72.9925



Protanomaly

60.4598, 56.9168, 79.7510



Deuteranomaly

61.8196, 56.5181, 71.9408



Tritanomaly

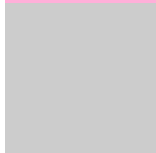
67.0891, 56.9877, 63.3409

Monochromacy



Original Color

69.0944, 56.9297, 72.9925



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 69.0944, 56.9297, 72.9925 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.0944, 56.9297, 72.9925 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, 217) }
```


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

```
.border{ border-color:rgb(255, 175, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0944, 56.9297, 72.9925 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
175, 217) }
```

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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