

Converting Colors

XYZ(67.9335, 54.4321, 73.1477)

Have a look what the booklet for
XYZ(67.9335, 54.4321, 73.1477)
contains.

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Color

**XYZ(67.8975, 54.3272,
73.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8DA
RGB	255, 168, 218
RGB Percent	100%, 66%, 85%
CMY	0.0000, 0.3412, 0.1451
CMYK	0.00, 0.34, 0.15, 0.00
HSL	326°, 100%, 83%
HSV	326°, 34%, 100%
XYZ	67.8975, 54.3272, 73.2373
YIQ	199.7130, 35.8020, 33.9940

Conversions

Conversions Part 2

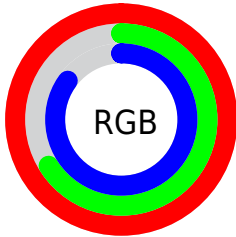
Format	Color
R _Y B	255, 168, 218
Decimal	16754906
CIE Lab	78.65, 38.98, -12.04
CIE LCh	79, 40.801, 342.835
Yxy	54.3272, 0.3474, 0.2779
Android (android.graphics.Color)	4294944986 (0xFFFFA8DA)
YUV	199.7130, 9.0155, 48.4867
Hunter-Lab	73.7070, 35.4436, -7.3173

Details

The XYZ color **67.8975, 54.3272, 73.2373** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.9298, 84.2535, 70.7066**, and the grayscale version is **54.6554, 57.5017, 62.6194**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **35.6541, 26.5493, 37.8957** is the 20% darker color. If you saturate the color by 10%, you get **62.2700, 45.2696, 64.5873**, and if you desaturate by 10%, it is **74.5435, 65.2727, 82.6863**.

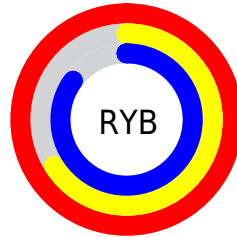
Distribution



Red (100%)

Green (66%)

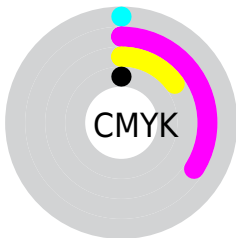
Blue (85%)



Red (100%)

Yellow (66%)

Blue (85%)

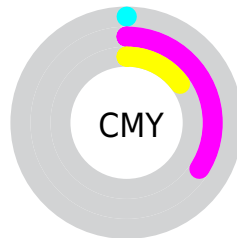


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8975, 54.3272, 73.2373 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 67.8975, 54.3272, 73.2373 by changing the saturation by 10% instead.


 67.8975, 54.3272,
73.2373


 67.8975, 54.3272,
73.2373


442.5152,
403.3565, 490.9297

 50.0877, 38.8633,
53.6770


 115.2482, 96.5545,
125.5381

 35.7012, 26.6534,
37.9521

 145.5199,
124.0867, 159.1156

 24.3725, 17.3131,
25.6440


180.6762,
156.4105, 198.2027

 15.7364, 10.4580,
16.3341

221.0825,
193.9102, 243.2178

 9.4275, 5.7036,
9.6040

267.1042,
236.9702, 294.5796

 5.0804, 2.6657,
5.0350

319.1067,

 2.3298, 0.9598,

285.9751, 352.7064

2.2087

377.4552,
341.3090, 418.0169

■ 0.8098, 0.0000,
0.6794

■ 0.0000, 0.0000,
0.0000

■ 67.8975, 54.3272,
73.2373

■ 67.8975, 54.3272,
73.2373

■ 62.2700, 45.2696,
64.5873

■ 74.5435, 65.2727,
82.6863

■ 57.6012, 37.9837,
56.7057

■ 82.2555, 78.1992,
92.9567

■ 53.8307, 32.3515,
49.5641

■ 91.0829, 93.2023,
104.0738

■ 50.8892, 28.2374,
43.1302

95.0500, 100.0000,
108.9000

■ 48.6965, 25.4841,
37.3677

■ 47.1548, 23.8994,
32.2341

■ 46.4710, 23.3524,
29.4760

Harmonies

Analogous

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



62.9014, 54.3272, 98.0182



67.8975, 54.3272, 73.2373



68.2618, 54.3272, 49.8347

Triad

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



67.8975, 54.3272, 73.2373



48.2710, 54.3272, 25.5825



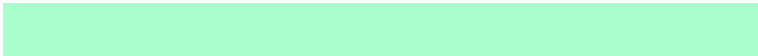
41.0887, 54.3272, 94.7357

Complementary

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



67.8975, 54.3272, 73.2373



62.9298, 84.2535, 70.7066

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.



37.9566, 54.3272, 69.5662



67.8975, 54.3272, 73.2373



41.8037, 54.3272, 32.2181

Square

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



67.8975, 54.3272, 73.2373



56.3448, 54.3272, 26.0820



38.2039, 54.3272, 47.0013



47.1979, 54.3272, 112.4768

Rectangle

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



67.8975, 54.3272, 73.2373



65.7776, 54.3272, 38.2102



38.2039, 54.3272, 47.0013



39.6827, 54.3272, 86.6183

Sweetspot

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



67.8988, 54.3295, 73.2384



85.7505, 84.1168, 97.4278



57.0252, 48.1008, 100.8866



18.0941, 17.5633, 20.5233



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.



67.8988, 54.3295, 73.2384



63.9179, 47.8964, 67.1985



63.0068, 52.3727, 47.4773



18.4470, 18.1621, 20.9709



24.3584, 12.2326, 15.8036



2.4264, 1.2129, 1.8267

Inverse Universe

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



67.8988, 54.3295, 73.2384



63.9179, 47.8964, 67.1985



68.8143, 86.6073, 101.6941



18.4470, 18.1621, 20.9709



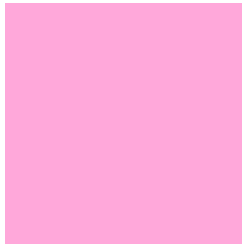
24.3584, 12.2326, 15.8036



2.4264, 1.2129, 1.8267

Previews

White Background



This preview shows how the XYZ color 67.8975, 54.3272, 73.2373 looks on a white background.

Color Contrast Check

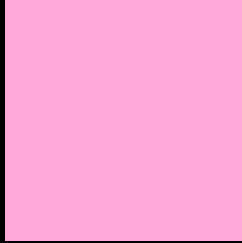
Large Text (above 18pt) WCAG AA × Fail

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 67.8975, 54.3272, 73.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

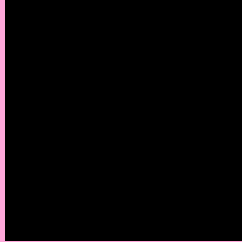
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8975, 54.3272, 73.2373

Background



This preview shows how black text looks on a background with the XYZ color 67.8975, 54.3272, 73.2373.



This preview shows how white text looks on a background with the XYZ color 67.8975, 54.3272,

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

67.8975, 54.3272, 73.2373

Protanopia

54.3151, 54.5772, 86.2690

Deuteranopia

55.7279, 54.6611, 71.2318



Tritanopia

63.8894, 54.3692, 54.1407

Trichromacy



Original Color

67.8975, 54.3272, 73.2373



Protanomaly

58.1473, 53.7870, 81.4460



Deuteranomaly

59.4251, 54.0502, 71.5907



Tritanomaly

65.0905, 54.2777, 60.4721

Monochromacy



Original Color

67.8975, 54.3272, 73.2373



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.7609, 55.6871, 66.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8975, 54.3272, 73.2373 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, 168, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.8975, 54.3272, 73.2373 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, 168, 218) }
```


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

```
.border{ border-color:rgb(255, 168, 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, 168, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8975, 54.3272, 73.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 218) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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