

Converting Colors

XYZ(93.8898, 67.7916, 72.9870)

Have a look what the booklet for
XYZ(93.8898, 67.7916, 72.9870)
contains.

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Color

**XYZ(67.6373, 54.2231,
71.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8D8
RGB	255, 168, 216
RGB Percent	100%, 66%, 85%
CMY	0.0000, 0.3412, 0.1529
CMYK	0.00, 0.34, 0.15, 0.00
HSL	327°, 100%, 83%
HSV	327°, 34%, 100%
XYZ	67.6373, 54.2231, 71.8670
YIQ	199.4850, 36.4440, 33.3720

Conversions

Conversions Part 2

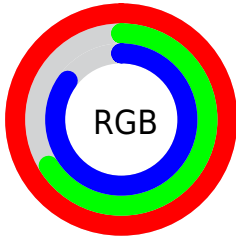
Format	Color
R_{YB}	255, 168, 216
Decimal	16754904
CIE _{Lab}	78.59, 38.67, -11.05
CIE _{LCh}	79, 40.219, 344.059
Yxy	54.2231, 0.3491, 0.2799
Android (android.graphics.Color)	4294944984 (0xFFFFA8D8)
YUV	199.4850, 8.1419, 48.6867
Hunter-Lab	73.6363, 35.0943, -6.3199

Details

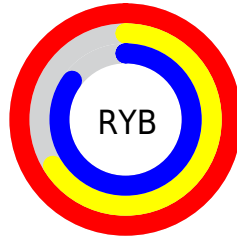
The XYZ color **67.6373, 54.2231, 71.8670** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.1728, 84.3507, 71.9865**, and the grayscale version is **54.5204, 57.3597, 62.4647**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **35.5897, 26.7050, 36.9970** is the 20% darker color. If you saturate the color by 10%, you get **61.9560, 45.1440, 62.9338**, and if you desaturate by 10%, it is **74.3470, 65.1940, 81.6517**.

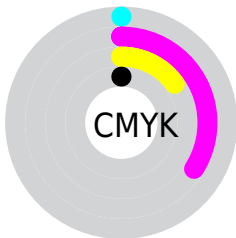
Distribution



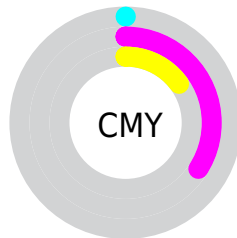
- Red (100%)
- Green (66%)
- Blue (85%)



- 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 67.6373, 54.2231, 71.8670 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 67.6373, 54.2231, 71.8670 by changing the saturation by 10% instead.

 67.6373, 54.2231,
71.8670


 67.6373, 54.2231,
71.8670


441.6068,
402.9602, 486.0436

 49.8753, 38.7801,
52.5639


 114.8779, 96.4017,
123.5734

 35.5317, 26.5887,
37.0694

 145.0872,
123.9061, 156.8137

 24.2412, 17.2645,
24.9650


180.1763,
156.1997, 195.5368

 15.6383, 10.4233,
15.8322

220.5107,
193.6670, 240.1613

 9.3578, 5.6805,
9.2524

266.4555,
236.6923, 291.1057

 5.0343, 2.6518,
4.8071


318.3762,


 2.3023, 0.9528,


285.6600, 348.7885


2.0778


376.6382,
340.9545, 413.6283


 0.7959, 0.0000,
0.6025


 0.0000, 0.0000,
0.0000


 67.6373, 54.2231,
71.8670


 67.6373, 54.2231,
71.8670


 61.9560, 45.1440,
62.9338


 74.3470, 65.1940,
81.6517

 57.2430, 37.8404,
54.8197

 82.1330, 78.1502,
92.3118

 53.4377, 32.1943,
47.4948

 91.0449, 93.1870,
103.8740

 50.4703, 28.0698,
40.9247

95.0500, 100.0000,
108.9000

■ 48.2604, 25.3097,
35.0714

■ 46.7098, 23.7214,
29.8904

■ 46.0243, 23.1737,
27.1237

Harmonies

Analogous

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



62.8874, 54.2231, 96.3198



67.6373, 54.2231, 71.8670



67.7929, 54.2231, 49.0522

Triad

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



67.6373, 54.2231, 71.8670



47.9206, 54.2231, 25.9968



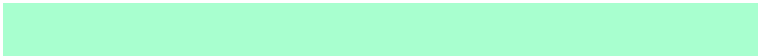
41.3359, 54.2231, 94.9206

Complementary

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



67.6373, 54.2231, 71.8670



63.1728, 84.3507, 71.9865

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.



38.1133, 54.2231, 70.2985



67.6373, 54.2231, 71.8670



41.6425, 54.2231, 32.8850

Square

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



67.6373, 54.2231, 71.8670



55.8407, 54.2231, 26.2123



38.2195, 54.2231, 47.8375



47.4611, 54.2231, 111.7852

Rectangle

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



67.6373, 54.2231, 71.8670



65.2334, 54.2231, 37.8005



38.2195, 54.2231, 47.8375



39.9066, 54.2231, 87.0359

Sweetspot

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



67.6386, 54.2254, 71.8681



85.6615, 84.0812, 96.9593



57.4251, 48.3069, 100.9053



18.0725, 17.5547, 20.4099



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.



67.6386, 54.2254, 71.8681



63.6196, 47.7771, 65.6277



62.8648, 52.3159, 46.7298



18.4288, 18.1548, 20.8753



24.1251, 12.1393, 14.5750



2.4041, 1.2040, 1.7092

Inverse Universe

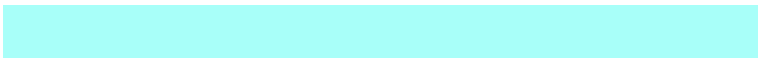
The Inverse Universe completely reimagines the original color for something new.



67.6386, 54.2254, 71.8681



63.6196, 47.7771, 65.6277



69.0399, 86.6976, 102.8820



18.4288, 18.1548, 20.8753



24.1251, 12.1393, 14.5750



2.4041, 1.2040, 1.7092

Previews

White Background



This preview shows how the XYZ color 67.6373, 54.2231, 71.8670 looks on a white background.

Color Contrast Check

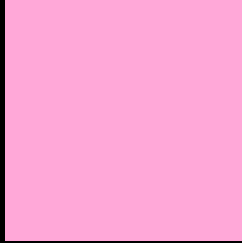
Large Text (above 18pt) WCAG AA × Fail

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 67.6373, 54.2231, 71.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

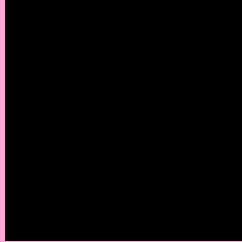
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6373, 54.2231, 71.8670

Background



This preview shows how black text looks on a background with the XYZ color 67.6373, 54.2231, 71.8670.



This preview shows how white text looks on a background with the XYZ color 67.6373, 54.2231,

71.8670.

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

67.6373, 54.2231, 71.8670

Protanopia

54.1290, 54.5309, 84.0165

Deuteranopia

55.5349, 54.2705, 69.8356



Tritanopia

64.0581, 54.1704, 54.0934

Trichromacy



Original Color

67.6373, 54.2231, 71.8670



Protanomaly

58.0193, 53.7690, 79.2720



Deuteranomaly

59.2746, 53.6991, 70.1917



Tritanomaly

65.2640, 54.0857, 60.4259

Monochromacy



Original Color

67.6373, 54.2231, 71.8670



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.2161, 55.4343, 65.3892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6373, 54.2231, 71.8670 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 216) }
```

Border

The CSS property to change the border of an element to XYZ 67.6373, 54.2231, 71.8670 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, 216) }
```


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

```
.border{ border-color:rgb(255, 168, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6373, 54.2231, 71.8670 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
168, 216) }
```

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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