

Converting Colors

XYZ(113.1513, 76.3034,
76.8085)

Have a look what the booklet for
XYZ(113.1513, 76.3034, 76.8085)
contains.

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Color

**XYZ(67.2555, 52.6217,
74.3224)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA3DC |
| RGB | 255, 163, 220 |
| RGB Percent | 100%, 64%, 86% |
| CMY | 0.0000, 0.3608, 0.1373 |
| CMYK | 0.00, 0.36, 0.14, 0.00 |
| HSL | 323°, 100%, 82% |
| HSV | 323°, 36%, 100% |
| XYZ | 67.2555, 52.6217, 74.3224 |
| YIQ | 197.0060, 36.5350, 37.2310 |

Conversions

Conversions Part 2

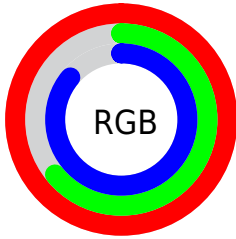
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 163, 220 |
| Decimal | 16753628 |
| CIELab | 77.65, 41.88, -14.63 |
| CIELCh | 78, 44.366, 340.748 |
| Yxy | 52.6217, 0.3463, 0.2710 |
| Android (android.graphics.Color) | 4294943708 (0xFFFFA3DC) |
| YUV | 197.0060, 11.3360, 50.8607 |
| Hunter-Lab | 72.5408, 38.5481, -9.9676 |

Details

The XYZ color **67.2555, 52.6217, 74.3224** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.0592, 83.3846, 66.3059**, and the grayscale version is **52.9941, 55.7539, 60.7160**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **35.2861, 25.5242, 38.6642** is the 20% darker color. If you saturate the color by 10%, you get **61.9280, 43.9637, 66.3905**, and if you desaturate by 10%, it is **73.5727, 63.1395, 82.9535**.

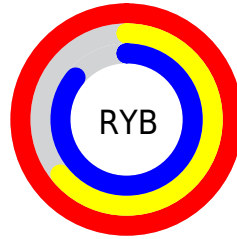
Distribution



Red (100%)

Green (64%)

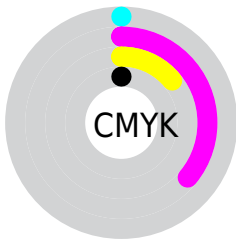
Blue (86%)



Red (100%)

Yellow (64%)

Blue (86%)

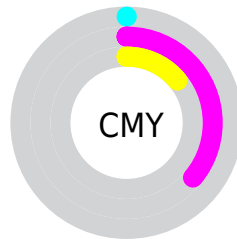


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2555, 52.6217, 74.3224 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 67.2555, 52.6217, 74.3224 by changing the saturation by 10% instead.


 67.2555, 52.6217,
74.3224


 67.2555, 52.6217,
74.3224


440.2719,
396.8320, 494.7785

 49.5638, 37.5009,
54.5596

 114.3342, 94.0475,
127.0910

 35.2833, 25.5955,
38.6530

 144.4519,
121.1212, 160.9338

 24.0487, 16.5213,
26.1841


179.4423,
152.9480, 200.3071

 15.4947, 9.8938,
16.7344

219.6707,
189.9123, 245.6293

 9.2559, 5.3286,
9.8854

265.5025,
232.3984, 297.3190

 4.9669, 2.4413,
5.2184

317.3031,

 2.2624, 0.8470,

280.7908, 355.7947

2.3150

375.4377,
335.4739, 421.4750

■ 0.7753, 0.0000,
0.7396

■ 0.0000, 0.0000,
0.0000

■ 67.2555, 52.6217,
74.3224

■ 67.2555, 52.6217,
74.3224

■ 61.9280, 43.9637,
66.3905

■ 73.5727, 63.1395,
82.9535

■ 57.5302, 37.0479,
59.1295

■ 80.9279, 75.6121,
92.3038

■ 54.0009, 31.7537,
52.5135

■ 89.3702, 90.1359,
102.3964

■ 51.2696, 27.9424,
46.5123

95.0500, 100.0000,
108.9000

■ 49.2539, 25.4512,
41.0919

■ 47.8517, 24.0785,
36.2112

■ 47.4103, 23.7281,
34.4224

Harmonies

Analogous

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



61.5703, 52.6217, 101.0415



67.2555, 52.6217, 74.3224



68.0296, 52.6217, 48.9321

Triad

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



67.2555, 52.6217, 74.3224



47.0026, 52.6217, 22.2940



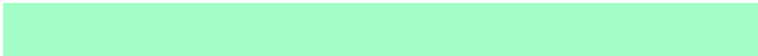
38.5332, 52.6217, 93.9835

Complementary

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



67.2555, 52.6217, 74.3224



61.0592, 83.3846, 66.3059

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.



35.5000, 52.6217, 66.5626



67.2555, 52.6217, 74.3224



40.0049, 52.6217, 28.4469

Square

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



67.2555, 52.6217, 74.3224



55.6524, 52.6217, 23.2742



36.0061, 52.6217, 43.0915



44.7724, 52.6217, 114.4504

Rectangle

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



67.2555, 52.6217, 74.3224



65.5691, 52.6217, 36.3829



36.0061, 52.6217, 43.0915



37.1390, 52.6217, 84.9933

Sweetspot

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



67.2567, 52.6239, 74.3235



85.0745, 82.7224, 97.3327



54.1055, 45.2514, 100.4905



17.9664, 17.2883, 20.5417



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.



67.2567, 52.6239, 74.3235



63.4653, 46.4364, 68.7579



62.1029, 50.5624, 47.1840



18.4825, 18.1763, 21.1582



24.8480, 12.4285, 18.3816



2.4726, 1.2314, 2.0702

Inverse Universe

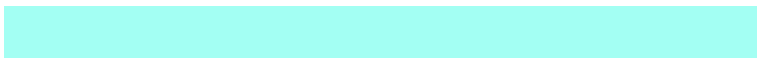
The Inverse Universe completely reimagines the original color for something new.



67.2567, 52.6239, 74.3235



63.4653, 46.4364, 68.7579



67.0030, 85.7622, 97.6060



18.4825, 18.1763, 21.1582



24.8480, 12.4285, 18.3816



2.4726, 1.2314, 2.0702

Previews

White Background



This preview shows how the XYZ color 67.2555, 52.6217, 74.3224 looks on a white background.

Color Contrast Check

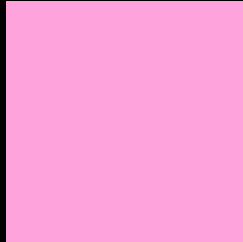
Large Text (above 18pt) WCAG AA × Fail

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 67.2555, 52.6217, 74.3224 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 67.2555, 52.6217, 74.3224

Background



This preview shows how black text looks on a background with the XYZ color 67.2555, 52.6217, 74.3224.



This preview shows how white text looks on a background with the XYZ color 67.2555, 52.6217,

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

67.2555, 52.6217, 74.3224

Protanopia

52.9021, 52.8237, 88.2967

Deuteranopia

53.9844, 52.7779, 72.3076



Tritanopia

62.7056, 52.6776, 51.6626

Trichromacy



Original Color

67.2555, 52.6217, 74.3224



Protanomaly

56.7575, 51.8219, 82.6125



Deuteranomaly

57.9600, 52.0662, 72.6406



Tritanomaly

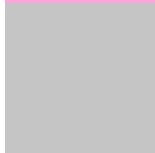
63.9274, 52.3184, 58.9537

Monochromacy



Original Color

67.2555, 52.6217, 74.3224



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.2818, 54.0111, 65.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2555, 52.6217, 74.3224 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, 163, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.2555, 52.6217, 74.3224 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, 163, 220) }
```


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

```
.border{ border-color:rgb(255, 163, 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, 163, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2555, 52.6217, 74.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 220) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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