

Converting Colors

XYZ(73.8936, 55.8105, 74.6153)

Have a look what the booklet for
XYZ(73.8936, 55.8105, 74.6153)
contains.

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Color

**XYZ(67.0786, 52.2680,
74.2634)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA2DC |
| RGB | 255, 162, 220 |
| RGB Percent | 100%, 64%, 86% |
| CMY | 0.0000, 0.3647, 0.1373 |
| CMYK | 0.00, 0.36, 0.14, 0.00 |
| HSL | 323°, 100%, 82% |
| HSV | 323°, 36%, 100% |
| XYZ | 67.0786, 52.2680, 74.2634 |
| YIQ | 196.4190, 36.8100, 37.7540 |

Conversions

Conversions Part 2

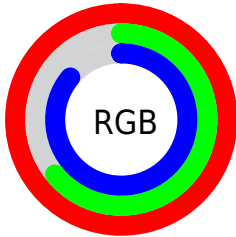
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 162, 220 |
| Decimal | 16753372 |
| CIELab | 77.44, 42.40, -14.94 |
| CIElCh | 77, 44.957, 340.584 |
| Yxy | 52.2680, 0.3465, 0.2700 |
| Android (android.graphics.Color) | 4294943452 (0xFFFFA2DC) |
| YUV | 196.4190, 11.6254, 51.3755 |
| Hunter-Lab | 72.2966, 39.0977, -10.2953 |

Details

The XYZ color **67.0786, 52.2680, 74.2634** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.7402, 83.2335, 65.6909**, and the grayscale version is **52.6390, 55.3803, 60.3092**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **35.1801, 25.3121, 38.6288** is the 20% darker color. If you saturate the color by 10%, you get **61.7989, 43.6846, 66.4116**, and if you desaturate by 10%, it is **73.3445, 62.7065, 82.8052**.

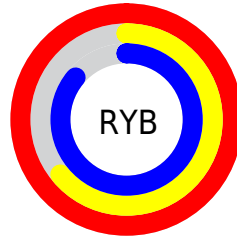
Distribution



Red (100%)

Green (64%)

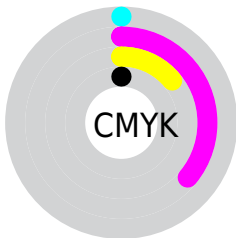
Blue (86%)



Red (100%)

Yellow (64%)

Blue (86%)

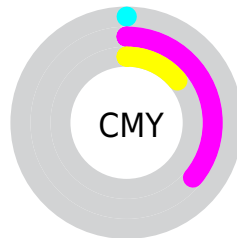


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0786, 52.2680, 74.2634 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 67.0786, 52.2680, 74.2634 by changing the saturation by 10% instead.


 67.0786, 52.2680,
74.2634


 67.0786, 52.2680,
74.2634


439.6526,
395.4704, 494.5697

 49.4194, 37.2187,
54.5116

 114.0822, 93.5264,
127.0066

 35.1682, 25.3769,
38.6148


 144.1574,
120.5043, 160.8351

 23.9596, 16.3581,
26.1547

179.1019,
152.2271, 200.1928

 15.4282, 9.7779,
16.7126

219.2811,
189.0794, 245.4984

 9.2087, 5.2519,
9.8700

265.0605,
231.4455, 297.1703

 4.9358, 2.3958,
5.2084

316.8053,

 2.2440, 0.8237,

279.7097, 355.6271

2.3092

374.8808,
334.2566, 421.2874

■ 0.7658, 0.0000,
0.7363

■ 0.0000, 0.0000,
0.0000

■ 67.0786, 52.2680,
74.2634

■ 67.0786, 52.2680,
74.2634

■ 61.7989, 43.6846,
66.4116

■ 73.3445, 62.7065,
82.8052

■ 57.4450, 36.8382,
59.2219

■ 80.6447, 75.0952,
92.0571

■ 53.9555, 31.6078,
52.6683

■ 89.0287, 89.5309,
102.0418

■ 51.2597, 27.8538,
46.7208

95.0500, 100.0000,
108.9000

■ 49.2744, 25.4124,
41.3453

■ 47.8966, 24.0790,
36.5008

■ 47.5005, 23.7642,
34.8971

Harmonies

Analogous

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



61.3068, 52.2680, 101.3040



67.0786, 52.2680, 74.2634



67.8918, 52.2680, 48.6007

Triad

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



67.0786, 52.2680, 74.2634



46.6857, 52.2680, 21.7498



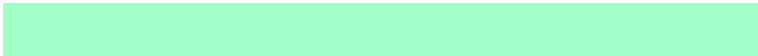
38.0858, 52.2680, 93.8738

Complementary

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



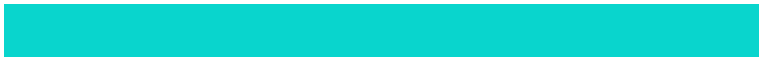
67.0786, 52.2680, 74.2634



60.7402, 83.2335, 65.6909

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.



35.0550, 52.2680, 66.1184



67.0786, 52.2680, 74.2634



39.6234, 52.2680, 27.8544

Square

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



67.0786, 52.2680, 74.2634



55.4170, 52.2680, 22.7652



35.5832, 52.2680, 42.4969



44.3517, 52.2680, 114.7087

Rectangle

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



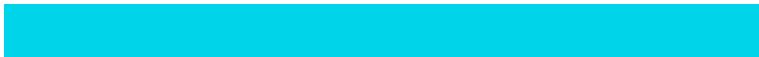
67.0786, 52.2680, 74.2634



65.4209, 52.2680, 35.9486



35.5832, 52.2680, 42.4969



36.6898, 52.2680, 84.7570

Sweetspot

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



67.0798, 52.2702, 74.2645



85.0919, 82.7294, 97.4247



53.7635, 44.8126, 100.4238



17.9706, 17.2899, 20.5636



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.



67.0798, 52.2702, 74.2645



63.0138, 45.6375, 68.2872



61.8410, 50.1747, 46.6773



18.4858, 18.1776, 21.1754



24.8949, 12.4472, 18.6287



2.4770, 1.2332, 2.0934

Inverse Universe

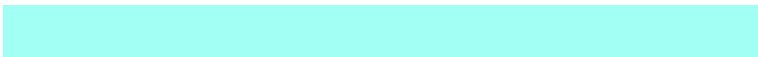
The Inverse Universe completely reimagines the original color for something new.



67.0798, 52.2702, 74.2645



63.0138, 45.6375, 68.2872



66.7790, 85.6490, 97.4906



18.4858, 18.1776, 21.1754



24.8949, 12.4472, 18.6287



2.4770, 1.2332, 2.0934

Previews

White Background



This preview shows how the XYZ color 67.0786, 52.2680, 74.2634 looks on a white background.

Color Contrast Check

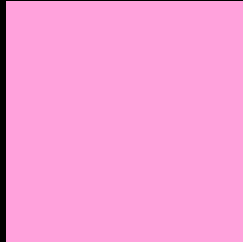
Large Text (above 18pt) WCAG AA × Fail

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 67.0786, 52.2680, 74.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

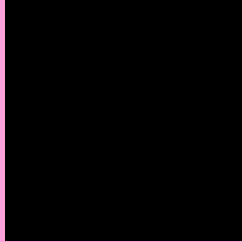
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0786, 52.2680, 74.2634

Background



This preview shows how black text looks on a background with the XYZ color 67.0786, 52.2680, 74.2634.



This preview shows how white text looks on a background with the XYZ color 67.0786, 52.2680,

74.2634.

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

67.0786, 52.2680, 74.2634

Protanopia

52.8158, 52.7622, 89.0618

Deuteranopia

53.7182, 52.6406, 72.2952



Tritanopia

62.4151, 52.2626, 51.0540

Trichromacy



Original Color

67.0786, 52.2680, 74.2634



Protanomaly

56.6189, 51.7341, 83.3455



Deuteranomaly

57.6582, 51.9106, 72.6265



Tritanomaly

63.7449, 51.9534, 58.8928

Monochromacy



Original Color

67.0786, 52.2680, 74.2634



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.7752, 53.4405, 65.0803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0786, 52.2680, 74.2634 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, 162, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 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, 162, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.0786, 52.2680, 74.2634 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, 162, 220) }
```


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

```
.border{ border-color:rgb(255, 162, 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, 162, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0786, 52.2680, 74.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 220) }
```

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

```
.background{ background-color: rgb(255,  
162, 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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