

Converting Colors

XYZ(68.6038, 54.4283, 67.5281)

Have a look what the booklet for
XYZ(68.6038, 54.4283, 67.5281)
contains.

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Color

**XYZ(66.5673, 53.5009,
67.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7D1
RGB	255, 167, 209
RGB Percent	100%, 65%, 82%
CMY	0.0000, 0.3451, 0.1804
CMYK	0.00, 0.35, 0.18, 0.00
HSL	331°, 100%, 83%
HSV	331°, 35%, 100%
XYZ	66.5673, 53.5009, 67.1398
YIQ	198.1000, 38.9660, 31.7180

Conversions

Conversions Part 2

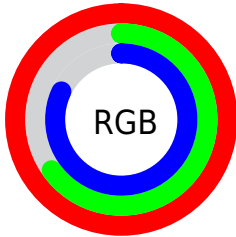
Format	Color
R _Y B	255, 167, 209
Decimal	16754641
CIE Lab	78.17, 38.12, -7.87
CIE LCh	78, 38.928, 348.338
Yxy	53.5009, 0.3556, 0.2858
Android (android.graphics.Color)	4294944721 (0xFFFFA7D1)
YUV	198.1000, 5.3737, 49.9013
Hunter-Lab	73.1443, 34.4470, -3.2218

Details

The XYZ color **66.5673, 53.5009, 67.1398** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.7086, 84.5406, 75.9145**, and the grayscale version is **53.6904, 56.4864, 61.5137**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **34.9597, 26.2715, 34.2387** is the 20% darker color. If you saturate the color by 10%, you get **60.7661, 44.4300, 57.4014**, and if you desaturate by 10%, it is **73.4303, 64.4738, 77.9147**.

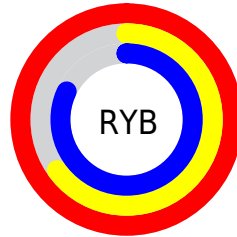
Distribution



Red (100%)

Green (65%)

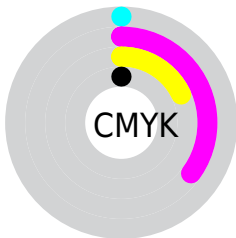
Blue (82%)



Red (100%)

Yellow (65%)

Blue (82%)

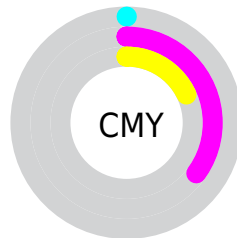


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5673, 53.5009, 67.1398 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 66.5673, 53.5009, 67.1398 by changing the saturation by 10% instead.


 66.5673, 53.5009,
67.1398


 66.5673, 53.5009,
67.1398


437.8597,
400.2039, 468.9573

 49.0025, 38.2028,
48.7359


 113.3534, 95.3410,
116.7633

 34.8360, 26.1401,
34.0459


 143.3054,
122.6518, 148.8199

 23.7025, 16.9285,
22.6512


178.1171,
154.7357, 186.2646

 15.2366, 10.1835,
14.1333

218.1540,
191.9769, 229.5159

 9.0730, 5.5208,
8.0736

263.7813,
234.7600, 278.9922

 4.8463, 2.5560,
4.0537

315.3645,

 2.1912, 0.9046,

283.4692, 335.1122

1.6548

373.2688,
338.4891, 398.2944

■ 0.7381, 0.0000,
0.3295

■ 0.0000, 0.0000,
0.0000

■ 66.5673, 53.5009,
67.1398

■ 66.5673, 53.5009,
67.1398

■ 60.7661, 44.4300,
57.4014

■ 73.4303, 64.4738,
77.9147

■ 55.9649, 37.1438,
48.6605

■ 81.4042, 77.4426,
89.7567

■ 52.1014, 31.5230,
40.8797

■ 90.5399, 92.5038,
102.6988

■ 49.1044, 27.4308,
34.0172

95.0500, 100.0000,
108.9000

■ 46.8911, 24.7080,
28.0268

■ 45.3609, 23.1598,
22.8552

■ 44.7341, 22.6577,
20.3299

Harmonies

Analogous

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



62.5829, 53.5009, 90.7805



66.5673, 53.5009, 67.1398



66.0409, 53.5009, 46.0398

Triad

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



66.5673, 53.5009, 67.1398



46.3854, 53.5009, 26.8458



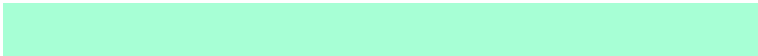
41.7326, 53.5009, 95.4982

Complementary

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



66.5673, 53.5009, 67.1398



63.7086, 84.5406, 75.9145

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.



38.1895, 53.5009, 72.4559



66.5673, 53.5009, 67.1398



40.6853, 53.5009, 34.6042

Square

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



66.5673, 53.5009, 67.1398



53.8659, 53.5009, 26.0993



37.8263, 53.5009, 50.1879



47.9507, 53.5009, 109.6785

Rectangle

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



66.5673, 53.5009, 67.1398



63.2114, 53.5009, 35.9363



37.8263, 53.5009, 50.1879



40.2171, 53.5009, 88.3015

Sweetspot

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



66.5686, 53.5033, 67.1409



85.3753, 83.9667, 95.4520



59.1569, 48.9268, 100.9336



18.0033, 17.5270, 20.0454



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.



66.5686, 53.5033, 67.1409



62.6841, 47.4029, 60.7017



62.3058, 52.2305, 43.3599



18.3704, 18.1315, 20.5676



23.4489, 11.8689, 11.0145



2.3379, 1.1775, 1.3610

Inverse Universe

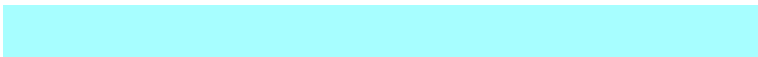
The Inverse Universe completely reimagines the original color for something new.



66.5686, 53.5033, 67.1409



62.6841, 47.4029, 60.7017



69.2816, 86.0240, 107.5605



18.3704, 18.1315, 20.5676



23.4489, 11.8689, 11.0145



2.3379, 1.1775, 1.3610

Previews

White Background



This preview shows how the XYZ color 66.5673, 53.5009, 67.1398 looks on a white background.

Color Contrast Check

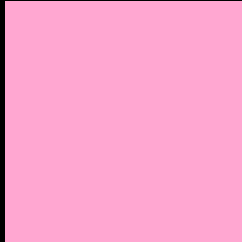
Large Text (above 18pt) WCAG AA × Fail

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 66.5673, 53.5009, 67.1398 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 66.5673, 53.5009, 67.1398

Background



This preview shows how black text looks on a background with the XYZ color 66.5673, 53.5009, 67.1398.



This preview shows how white text looks on a background with the XYZ color 66.5673, 53.5009,

67.1398.

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

66.5673, 53.5009, 67.1398

Protanopia

53.1793, 53.8269, 78.8209

Deuteranopia

54.7348, 53.6396, 65.2263



Tritanopia

63.3595, 53.2820, 52.2924

Trichromacy



Original Color

66.5673, 53.5009, 67.1398



Protanomaly

56.8710, 52.9785, 74.2463



Deuteranomaly

58.2023, 52.9460, 65.5445



Tritanomaly

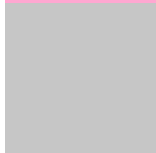
64.5084, 53.4824, 57.3752

Monochromacy



Original Color

66.5673, 53.5009, 67.1398



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.6444, 54.8650, 63.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5673, 53.5009, 67.1398 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, 167, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 209)  
}
```

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, 167, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.5673, 53.5009, 67.1398 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, 167, 209) }
```


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

```
.border{ border-color:rgb(255, 167, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 167, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5673, 53.5009, 67.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 209) }
```

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

```
.background{ background-color: rgb(255,  
167, 209) }
```

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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