

Converting Colors

XYZ(66.9866, 53.3039, 70.4716)

Have a look what the booklet for
XYZ(66.9866, 53.3039, 70.4716)
contains.

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Color

**XYZ(67.0138, 53.3875,
70.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6D6
RGB	255, 166, 214
RGB Percent	100%, 65%, 84%
CMY	0.0000, 0.3490, 0.1608
CMYK	0.00, 0.35, 0.16, 0.00
HSL	328°, 100%, 83%
HSV	328°, 35%, 100%
XYZ	67.0138, 53.3875, 70.3911
YIQ	198.0830, 37.6360, 33.7960

Conversions

Conversions Part 2

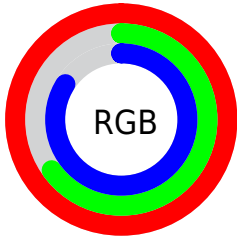
Format	Color
R _Y B	255, 166, 214
Decimal	16754390
CIE Lab	78.10, 39.40, -10.69
CIE LCh	78, 40.826, 344.823
Yxy	53.3875, 0.3512, 0.2798
Android (android.graphics.Color)	4294944470 (0xFFFFA6D6)
YUV	198.0830, 7.8471, 49.9162
Hunter-Lab	73.0668, 35.8460, -5.9721

Details

The XYZ color **67.0138, 53.3875, 70.3911** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7504, 84.1329, 71.9669**, and the grayscale version is **53.6660, 56.4608, 61.4858**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **35.1891, 26.1838, 36.0002** is the 20% darker color. If you saturate the color by 10%, you get **61.3829, 44.4408, 61.3771**, and if you desaturate by 10%, it is **73.6744, 64.2200, 80.2835**.

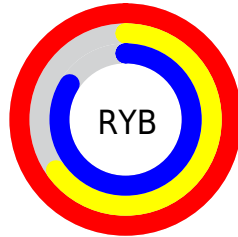
Distribution



Red (100%)

Green (65%)

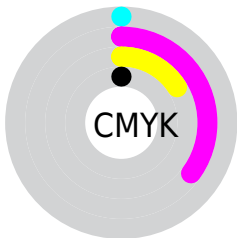
Blue (84%)



Red (100%)

Yellow (65%)

Blue (84%)

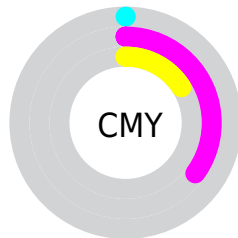


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0138, 53.3875, 70.3911 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 67.0138, 53.3875, 70.3911 by changing the saturation by 10% instead.


 67.0138, 53.3875,
70.3911

 67.0138, 53.3875,
70.3911


439.4256,
399.7700, 480.7482

 49.3666, 38.1122,
51.3667


 113.9899, 95.1743,
121.4527

 35.1261, 26.0698,
36.1217


 144.0494,
122.4546, 154.3269

 23.9270, 16.8759,
24.2378


178.9772,
154.5054, 192.6548

 15.4039, 10.1460,
15.2963

219.1384,
191.7111, 236.8549

 9.1915, 5.4959,
8.8787

264.8985,
234.4559, 287.3457

 4.9244, 2.5410,
4.5664

316.6228,

 2.2373, 0.8971,

283.1245, 344.5459

1.9409

374.6767,
338.1010, 408.8739

■ 0.7623, 0.0000,
0.5186

■ 0.0000, 0.0000,
0.0000

■ 67.0138, 53.3875,
70.3911

■ 67.0138, 53.3875,
70.3911

■ 61.3829, 44.4408,
61.3771

■ 73.6744, 64.2200,
80.2835

■ 56.7211, 37.2628,
53.2083

■ 81.4132, 77.0325,
91.0794

■ 52.9669, 31.7342,
45.8531

■ 90.2801, 91.9209,
102.8066

■ 50.0497, 27.7179,
39.2762

95.0500, 100.0000,
108.9000

■ 47.8879, 25.0542,
33.4379

■ 46.3810, 23.5468,
28.2919

■ 45.7929, 23.0812,
25.9055

Harmonies

Analogous

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



62.3285, 53.3875, 95.1392



67.0138, 53.3875, 70.3911



67.0432, 53.3875, 47.6106

Triad

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



67.0138, 53.3875, 70.3911



46.9233, 53.3875, 25.1915



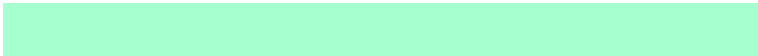
40.6330, 53.3875, 94.8739

Complementary

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



67.0138, 53.3875, 70.3911



62.7504, 84.1329, 71.9669

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.



37.3256, 53.3875, 70.0947



67.0138, 53.3875, 70.3911



40.6906, 53.3875, 32.2302

Square

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



67.0138, 53.3875, 70.3911



54.8611, 53.3875, 25.2316



37.3456, 53.3875, 47.3822



46.8368, 53.3875, 111.5979

Rectangle

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



67.0138, 53.3875, 70.3911



64.3892, 53.3875, 36.4999



37.3456, 53.3875, 47.3822



39.1758, 53.3875, 86.9612

Sweetspot

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



67.0151, 53.3898, 70.3922



85.6137, 84.0620, 96.7072



57.1558, 47.6242, 100.7877



18.0610, 17.5501, 20.3488



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.



67.0151, 53.3898, 70.3922



62.9135, 46.8481, 63.9025



62.1763, 51.4543, 44.9114



18.4190, 18.1509, 20.8238



24.0041, 12.0909, 13.9380



2.3924, 1.1993, 1.6477

Inverse Universe

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



67.0151, 53.3898, 70.3922



62.9135, 46.8481, 63.9025



68.8290, 86.5644, 103.9765



18.4190, 18.1509, 20.8238



24.0041, 12.0909, 13.9380



2.3924, 1.1993, 1.6477

Previews

White Background



This preview shows how the XYZ color 67.0138, 53.3875, 70.3911 looks on a white background.

Color Contrast Check

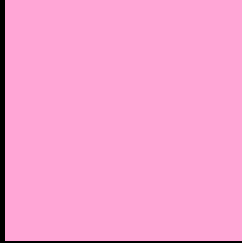
Large Text (above 18pt) WCAG AA × Fail

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 67.0138, 53.3875, 70.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

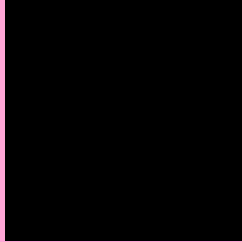
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0138, 53.3875, 70.3911

Background



This preview shows how black text looks on a background with the XYZ color 67.0138, 53.3875, 70.3911.



This preview shows how white text looks on a background with the XYZ color 67.0138, 53.3875,

70.3911.

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

67.0138, 53.3875, 70.3911

Protanopia

53.2810, 53.7831, 83.1743

Deuteranopia

54.7929, 53.5987, 68.4305



Tritanopia

63.3595, 53.2820, 52.2924

Trichromacy



Original Color

67.0138, 53.3875, 70.3911



Protanomaly

57.1024, 53.0049, 78.4555



Deuteranomaly

58.5106, 53.0336, 68.7807



Tritanomaly

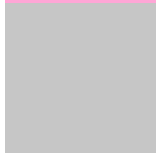
64.5463, 53.1987, 58.4962

Monochromacy



Original Color

67.0138, 53.3875, 70.3911



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.6714, 54.5375, 64.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0138, 53.3875, 70.3911 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, 166, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 214)  
}
```

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, 166, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.0138, 53.3875, 70.3911 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, 166, 214) }
```


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

```
.border{ border-color:rgb(255, 166, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0138, 53.3875, 70.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 214) }
```

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

```
.background{ background-color: rgb(255,  
166, 214) }
```

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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