

Converting Colors

XYZ(66.4886, 53.2680, 67.3463)

Have a look what the booklet for
XYZ(66.4886, 53.2680, 67.3463)
contains.

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Color

**XYZ(66.3848, 53.1359,
67.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6D1
RGB	255, 166, 209
RGB Percent	100%, 65%, 82%
CMY	0.0000, 0.3490, 0.1804
CMYK	0.00, 0.35, 0.18, 0.00
HSL	331°, 100%, 83%
HSV	331°, 35%, 100%
XYZ	66.3848, 53.1359, 67.0790
YIQ	197.5130, 39.2410, 32.2410

Conversions

Conversions Part 2

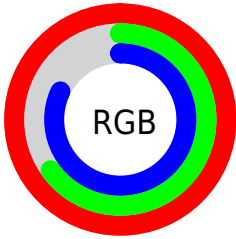
Format	Color
R_{YB}	255, 166, 209
Decimal	16754385
CIE _{Lab}	77.96, 38.64, -8.19
CIE _{LCh}	78, 39.501, 348.038
Yxy	53.1359, 0.3558, 0.2848
Android (android.graphics.Color)	4294944465 (0xFFFFA6D1)
YUV	197.5130, 5.6631, 50.4161
Hunter-Lab	72.8944, 34.9945, -3.5339

Details

The XYZ color **66.3848, 53.1359, 67.0790** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.3716, 84.3814, 75.2381**, and the grayscale version is **53.3325, 56.1100, 61.1038**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **34.8475, 26.0471, 34.2013** is the 20% darker color. If you saturate the color by 10%, you get **60.6357, 44.1419, 57.4420**, and if you desaturate by 10%, it is **73.1906, 64.0265, 77.7356**.

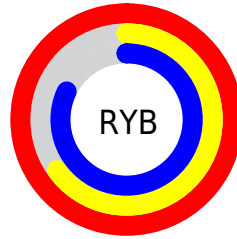
Distribution



Red (100%)

Green (65%)

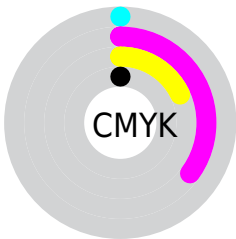
Blue (82%)



Red (100%)

Yellow (65%)

Blue (82%)

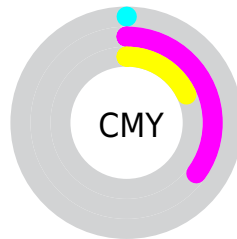


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3848, 53.1359, 67.0790 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 66.3848, 53.1359, 67.0790 by changing the saturation by 10% instead.


 66.3848, 53.1359,
67.0790


 66.3848, 53.1359,
67.0790


437.2188,
398.8063, 468.7351

 48.8537, 37.9113,
48.6868


 113.0931, 94.8043,
116.6753

 34.7175, 25.9138,
34.0073


 143.0010,
122.0169, 148.7166

 23.6108, 16.7592,
22.6218

177.7653,
153.9942, 186.1446

 15.1684, 10.0629,
14.1118

217.7512,
191.1207, 229.3779

 9.0247, 5.4407,
8.0588

263.3242,
233.7808, 278.8351

 4.8145, 2.5081,
4.0443

314.8495,

 2.1725, 0.8807,

282.3588, 334.9346

1.6497

372.6926,
337.2392, 398.0951

■ 0.7282, 0.0000,
0.3259

■ 0.0000, 0.0000,
0.0000

■ 66.3848, 53.1359,
67.0790

■ 66.3848, 53.1359,
67.0790

■ 60.6357, 44.1419,
57.4420

■ 73.1906, 64.0265,
77.7356

■ 55.8813, 36.9269,
48.7860

■ 81.1023, 76.9081,
89.4419

■ 52.0594, 31.3712,
41.0742

■ 90.1706, 91.8772,
102.2303

■ 49.0982, 27.3373,
34.2655

95.0500, 100.0000,
108.9000

■ 46.9148, 24.6650,
28.3140

■ 45.4078, 23.1575,
23.1670

■ 44.8274, 22.6950,
20.8211

Harmonies

Analogous

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



62.3093, 53.1359, 91.0201



66.3848, 53.1359, 67.0790



65.8995, 53.1359, 45.7152

Triad

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



66.3848, 53.1359, 67.0790



46.0649, 53.1359, 26.2221



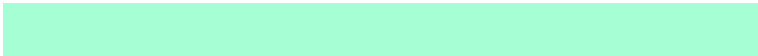
41.2532, 53.1359, 95.3787

Complementary

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



66.3848, 53.1359, 67.0790



63.3716, 84.3814, 75.2381

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.



37.7151, 53.1359, 71.9758



66.3848, 53.1359, 67.0790



40.2929, 53.1359, 33.9199

Square

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



66.3848, 53.1359, 67.0790



53.6294, 53.1359, 25.5430



37.3824, 53.1359, 49.5196



47.5026, 53.1359, 109.9232

Rectangle

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



66.3848, 53.1359, 67.0790



63.0605, 53.1359, 35.4990



37.3824, 53.1359, 49.5196



39.7360, 53.1359, 88.0499

Sweetspot

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



66.3861, 53.1383, 67.0801



85.3978, 83.9757, 95.5704



58.8349, 48.4898, 100.8663



18.0088, 17.5292, 20.0740



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.



66.3861, 53.1383, 67.0801



62.1978, 46.5619, 60.1338



62.0321, 51.8306, 42.8143



18.3750, 18.1333, 20.5918



23.4980, 11.8885, 11.2726



2.3428, 1.1795, 1.3867

Inverse Universe

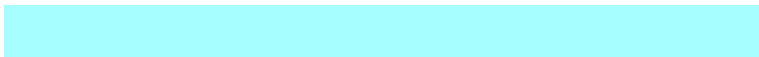
The Inverse Universe completely reimagines the original color for something new.



66.3861, 53.1383, 67.0801



62.1978, 46.5619, 60.1338



69.0659, 85.9050, 107.5489



18.3750, 18.1333, 20.5918



23.4980, 11.8885, 11.2726



2.3428, 1.1795, 1.3867

Previews

White Background



This preview shows how the XYZ color 66.3848, 53.1359, 67.0790 looks on a white background.

Color Contrast Check

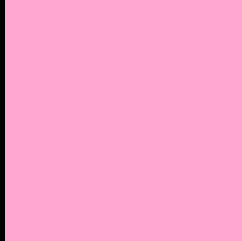
Large Text (above 18pt) WCAG AA × Fail

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 66.3848, 53.1359, 67.0790 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 66.3848, 53.1359, 67.0790

Background



This preview shows how black text looks on a background with the XYZ color 66.3848, 53.1359, 67.0790.



This preview shows how white text looks on a background with the XYZ color 66.3848, 53.1359,

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

66.3848, 53.1359, 67.0790

Protanopia

52.9338, 53.7003, 78.8095

Deuteranopia

54.4563, 53.4960, 65.2132



Tritanopia

63.3595, 53.2820, 52.2924

Trichromacy



Original Color

66.3848, 53.1359, 67.0790



Protanomaly

56.8710, 52.9785, 74.2463



Deuteranomaly

58.2023, 52.9460, 65.5445



Tritanomaly

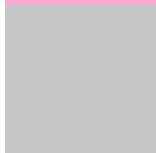
64.3216, 53.1088, 57.3130

Monochromacy



Original Color

66.3848, 53.1359, 67.0790



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.4330, 54.4421, 63.3585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3848, 53.1359, 67.0790 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.3848, 53.1359, 67.0790 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, 209) }
```


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

```
.border{ border-color:rgb(255, 166, 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, 166, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3848, 53.1359, 67.0790 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, 209) }
```

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

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