

Converting Colors

XYZ(143.8810, 93.9691,
67.0552)

Have a look what the booklet for
XYZ(143.8810, 93.9691, 67.0552)
contains.

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Color

**XYZ(66.2075, 53.9477,
63.4234)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9CB
RGB	255, 169, 203
RGB Percent	100%, 66%, 80%
CMY	0.0000, 0.3372, 0.2039
CMYK	0.00, 0.34, 0.20, 0.00
HSL	336°, 100%, 83%
HSV	336°, 34%, 100%
XYZ	66.2075, 53.9477, 63.4234
YIQ	198.5900, 40.3420, 28.8060

Conversions

Conversions Part 2

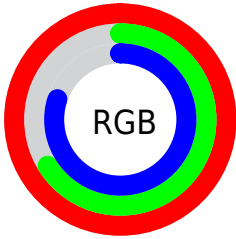
Format	Color
R _Y B	255, 169, 203
Decimal	16755147
CIE Lab	78.43, 36.20, -4.22
CIE LCh	78, 36.441, 353.355
Yxy	53.9477, 0.3606, 0.2939
Android (android.graphics.Color)	4294945227 (0xFFFFA9CB)
YUV	198.5900, 2.1741, 49.4716
Hunter-Lab	73.4491, 32.3652, 0.2174

Details

The XYZ color **66.2075, 53.9477, 63.4234** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.1753, 85.1764, 81.4157**, and the grayscale version is **54.0068, 56.8194, 61.8763**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **34.6962, 26.5310, 31.7261** is the 20% darker color. If you saturate the color by 10%, you get **60.1707, 44.6701, 52.7918**, and if you desaturate by 10%, it is **73.3546, 65.1533, 75.3282**.

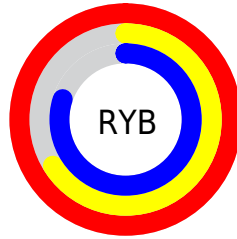
Distribution



Red (100%)

Green (66%)

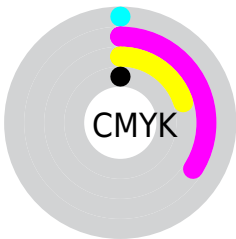
Blue (80%)



Red (100%)

Yellow (66%)

Blue (80%)

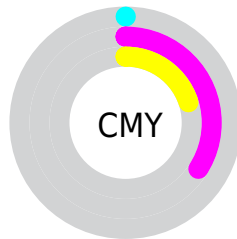


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2075, 53.9477, 63.4234 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 66.2075, 53.9477, 63.4234 by changing the saturation by 10% instead.


 66.2075, 53.9477,
63.4234

 66.2075, 53.9477,
63.4234


436.5956,
401.9105, 455.2546

 48.7092, 38.5599,
45.7406


 112.8402, 95.9975,
111.3716

 34.6024, 26.4175,
31.6940


142.7053,
123.4281, 142.4741

 23.5219, 17.1362,
20.8650

177.4233,
155.6419, 178.8869

 15.1021, 10.3317,
12.8351

217.3597,
193.0231, 221.0286

 8.9779, 5.6194,
7.1857

262.8797,
235.9562, 269.3176

 4.7837, 2.6151,
3.4983


314.3488,

 2.1544, 0.9342,


284.8255, 324.1726


1.3544


372.1323,
340.0155, 386.0121


 0.7185, 0.0000,
0.1057


 0.0000, 0.0000,
0.0000


 66.2075, 53.9477,
63.4234


 66.2075, 53.9477,
63.4234


 60.1707, 44.6701,
52.7918


 73.3546, 65.1533,
75.3282

 55.1812, 37.2031,
43.3841

 81.6631, 78.3809,
88.5463

 51.1750, 31.4278,
35.1524

 91.1851, 93.7272,
103.1199

 48.0794, 27.2078,
28.0434

95.0500, 100.0000,
108.9000

■ 45.8103, 24.3850,
21.9986

■ 44.2663, 22.7671,
16.9521

■ 43.5795, 22.1958,
14.2496

Harmonies

Analogous

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



63.1382, 53.9477, 85.5658



66.2075, 53.9477, 63.4234



64.9868, 53.9477, 44.4507

Triad

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



66.2075, 53.9477, 63.4234



46.0077, 53.9477, 29.4607



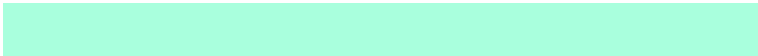
43.4872, 53.9477, 96.4088

Complementary

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



66.2075, 53.9477, 63.4234



65.1753, 85.1764, 81.4157

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.



39.6429, 53.9477, 75.8037



66.2075, 53.9477, 63.4234



41.0006, 53.9477, 38.2036

Square

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



66.2075, 53.9477, 63.4234



52.8860, 53.9477, 27.6275



38.7768, 53.9477, 54.2928



49.6984, 53.9477, 107.2714

Rectangle

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



66.2075, 53.9477, 63.4234



61.9554, 53.9477, 35.6102



38.7768, 53.9477, 54.2928



41.8996, 53.9477, 90.1906

Sweetspot

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



66.2087, 53.9501, 63.4245



85.0638, 83.8421, 93.8116



61.9370, 50.9080, 101.1695



17.9281, 17.4970, 19.6494



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.



66.2087, 53.9501, 63.4245



62.2929, 47.9071, 56.6048



64.2440, 55.8088, 44.9253



18.3068, 18.1060, 20.2326



22.8396, 11.6251, 7.8058



2.2758, 1.1527, 1.0337

Inverse Universe

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



66.2087, 53.9501, 63.4245



62.2929, 47.9071, 56.6048



67.4913, 81.8112, 106.8417



18.3068, 18.1060, 20.2326



22.8396, 11.6251, 7.8058



2.2758, 1.1527, 1.0337

Previews

White Background



This preview shows how the XYZ color 66.2075, 53.9477, 63.4234 looks on a white background.

Color Contrast Check

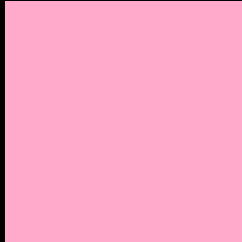
Large Text (above 18pt) WCAG AA × Fail

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 66.2075, 53.9477, 63.4234 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 66.2075, 53.9477, 63.4234

Background



This preview shows how black text looks on a background with the XYZ color 66.2075, 53.9477, 63.4234.



This preview shows how white text looks on a background with the XYZ color 66.2075, 53.9477,

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

66.2075, 53.9477, 63.4234

Protanopia

53.2107, 54.2782, 74.0019

Deuteranopia

55.1560, 53.9388, 61.5370



Tritanopia

64.0175, 53.8905, 52.9268

Trichromacy



Original Color

66.2075, 53.9477, 63.4234



Protanomaly

56.8823, 53.3812, 70.2564



Deuteranomaly

58.6278, 53.5488, 61.8895



Tritanomaly

64.9504, 54.0024, 56.8694

Monochromacy



Original Color

66.2075, 53.9477, 63.4234



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.6220, 55.1966, 62.2606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2075, 53.9477, 63.4234 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, 169, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 203)  
}
```

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, 169, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 203) }
```

Border

The CSS property to change the border of an element to XYZ 66.2075, 53.9477, 63.4234 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, 169, 203) }
```


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

```
.border{ border-color:rgb(255, 169, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2075, 53.9477, 63.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 203) }
```

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

```
.background{ background-color: rgb(255,  
169, 203) }
```

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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