

Converting Colors

XYZ(67.9477, 56.7679, 66.0391)

Have a look what the booklet for
XYZ(67.9477, 56.7679, 66.0391)
contains.

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Color

**XYZ(67.9059, 56.7669,
65.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0CE
RGB	255, 176, 206
RGB Percent	100%, 69%, 81%
CMY	0.0000, 0.3098, 0.1922
CMYK	0.00, 0.31, 0.19, 0.00
HSL	337°, 100%, 85%
HSV	337°, 31%, 100%
XYZ	67.9059, 56.7669, 65.7706
YIQ	203.0410, 37.4540, 26.0780

Conversions

Conversions Part 2

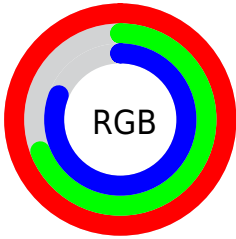
Format	Color
R _Y B	255, 176, 206
Decimal	16756942
CIE Lab	80.05, 32.98, -3.46
CIE LCh	80, 33.165, 354.004
Yxy	56.7669, 0.3566, 0.2981
Android (android.graphics.Color)	4294947022 (0xFFFFB0CE)
YUV	203.0410, 1.4588, 45.5680
Hunter-Lab	75.3438, 29.0269, 0.9841

Details

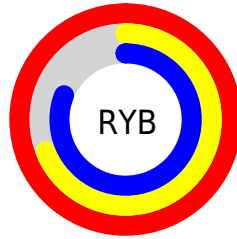
The XYZ color **67.9059, 56.7669, 65.7706** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.2572, 86.1874, 84.3288**, and the grayscale version is **56.7664, 59.7227, 65.0380**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **35.7764, 28.3032, 33.2832** is the 20% darker color. If you saturate the color by 10%, you get **61.5417, 46.9604, 54.6413**, and if you desaturate by 10%, it is **75.4054, 68.5339, 78.2338**.

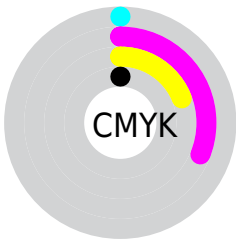
Distribution



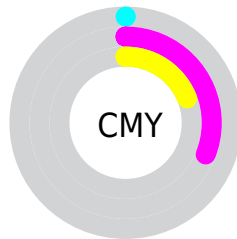
- Red (100%)
- Green (69%)
- Blue (81%)



- Red (100%)
- Yellow (69%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9059, 56.7669, 65.7706 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 67.9059, 56.7669, 65.7706 by changing the saturation by 10% instead.


 67.9059, 56.7669,
65.7706

 67.9059, 56.7669,
65.7706


442.5445,
412.5753, 463.9378

 50.0946, 40.8181,
47.6309


 115.2602,
100.1250, 114.7809

 35.7067, 28.1770,
33.1768


145.5338,
128.3031, 146.4885

 24.3768, 18.4591,
21.9897


180.6923,
161.3264, 183.5559

 15.7396, 11.2801,
13.6511

221.1010,
199.5794, 226.4016

 9.4298, 6.2556,
7.7424

267.1252,
243.4463, 275.4441

 5.0819, 3.0011,
3.8452

319.1302,

 2.3306, 1.1323,

293.3117, 331.1019

1.5408

377.4816,
349.5599, 393.7937

■ 0.8103, 0.0053,
0.2480

■ 0.0000, 0.0000,
0.0000

■ 67.9059, 56.7669,
65.7706

■ 67.9059, 56.7669,
65.7706

■ 61.5417, 46.9604,
54.6413

■ 75.4054, 68.5339,
78.2338

■ 56.2502, 38.9991,
44.7948

■ 84.0900, 82.3533,
92.0724

■ 51.9689, 32.7675,
36.1818

■ 94.0115, 98.3200,
107.3302

■ 48.6268, 28.1334,
28.7476

■ 95.0500, 100.0000,
108.9000

■ 46.1430, 24.9456,
22.4324

■ 44.4211, 23.0229,
17.1696

■ 43.3896, 22.1198,
13.2496

Harmonies

Analogous

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



65.1408, 56.7669, 86.3055



67.9059, 56.7669, 65.7706



66.6888, 56.7669, 47.9000

Triad

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



67.9059, 56.7669, 65.7706



48.8504, 56.7669, 33.7130



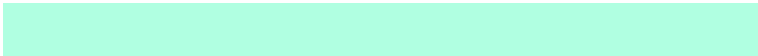
46.6874, 56.7669, 96.9860

Complementary

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



67.9059, 56.7669, 65.7706



67.2572, 86.1874, 84.3288

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.



42.9555, 56.7669, 78.1806



67.9059, 56.7669, 65.7706



44.1296, 56.7669, 42.4516

Square

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



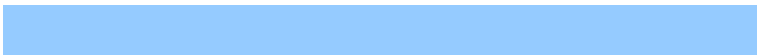
67.9059, 56.7669, 65.7706



55.3212, 56.7669, 31.7443



42.0594, 56.7669, 58.0107



52.6120, 56.7669, 106.5871

Rectangle

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



67.9059, 56.7669, 65.7706



63.8300, 56.7669, 39.4337



42.0594, 56.7669, 58.0107



45.1553, 56.7669, 91.3641

Sweetspot

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



67.9073, 56.7694, 65.7717



85.9527, 85.3382, 94.9764



64.5404, 54.2356, 101.6746



18.1031, 17.7942, 19.8705



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.



67.9073, 56.7694, 65.7717



63.9419, 50.6348, 58.9124



66.4726, 59.1858, 48.9981



18.2947, 18.1012, 20.1692



22.7388, 11.5848, 7.2751



2.2652, 1.1484, 0.9778

Inverse Universe

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



67.9073, 56.7694, 65.7717



63.9419, 50.6348, 58.9124



68.8460, 82.2311, 106.8514



18.2947, 18.1012, 20.1692



22.7388, 11.5848, 7.2751



2.2652, 1.1484, 0.9778

Previews

White Background



This preview shows how the XYZ color 67.9059, 56.7669, 65.7706 looks on a white background.

Color Contrast Check

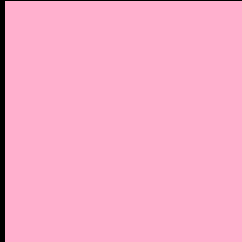
Large Text (above 18pt) WCAG AA × Fail

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 67.9059, 56.7669, 65.7706 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 67.9059, 56.7669, 65.7706

Background



This preview shows how black text looks on a background with the XYZ color 67.9059, 56.7669, 65.7706.



This preview shows how white text looks on a background with the XYZ color 67.9059, 56.7669,

65.7706.

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

67.9059, 56.7669, 65.7706

Protanopia

56.0062, 57.3730, 75.1401

Deuteranopia

58.1684, 57.0507, 64.4460



Tritanopia

65.9428, 56.5292, 57.3048

Trichromacy



Original Color

67.9059, 56.7669, 65.7706



Protanomaly

59.4645, 56.5874, 71.4067



Deuteranomaly

61.3025, 56.7233, 64.8444



Tritanomaly

66.6732, 56.5463, 60.2238

Monochromacy



Original Color

67.9059, 56.7669, 65.7706



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.0932, 58.0292, 65.1602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9059, 56.7669, 65.7706 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, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 206)  
}
```

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, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.9059, 56.7669, 65.7706 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, 176, 206) }
```


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

```
.border{ border-color:rgb(255, 176, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9059, 56.7669, 65.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 206) }
```

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

```
.background{ background-color: rgb(255,  
176, 206) }
```

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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