

Converting Colors

XYZ(78.7886, 62.4294, 61.3877)

Have a look what the booklet for
XYZ(78.7886, 62.4294, 61.3877)
contains.

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Color

**XYZ(66.9584, 56.3879,
60.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C6
RGB	255, 176, 198
RGB Percent	100%, 69%, 78%
CMY	0.0000, 0.3098, 0.2235
CMYK	0.00, 0.31, 0.22, 0.00
HSL	343°, 100%, 85%
HSV	343°, 31%, 100%
XYZ	66.9584, 56.3879, 60.7809
YIQ	202.1290, 40.0220, 23.5900

Conversions

Conversions Part 2

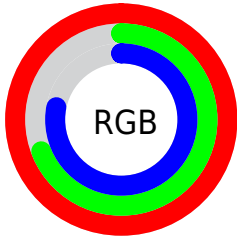
Format	Color
R_{YB}	255, 176, 198
Decimal	16756934
CIE _{Lab}	79.83, 31.82, 0.55
CIE _{LCh}	80, 31.823, 0.998
Yxy	56.3879, 0.3637, 0.3062
Android (android.graphics.Color)	4294947014 (0xFFFFB0C6)
YUV	202.1290, -2.0356, 46.3679
Hunter-Lab	75.0919, 27.7552, 4.5738

Details

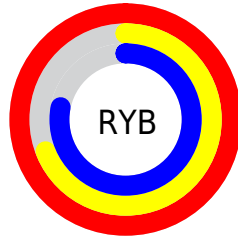
The XYZ color **66.9584, 56.3879, 60.7809** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3747, 86.6343, 90.2131**, and the grayscale version is **56.2156, 59.1432, 64.4069**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **35.1430, 28.0499, 29.9475** is the 20% darker color. If you saturate the color by 10%, you get **60.4250, 46.5137, 48.7606**, and if you desaturate by 10%, it is **74.6915, 68.2484, 74.4745**.

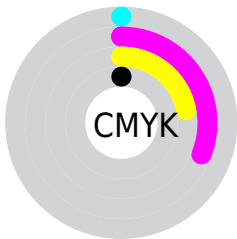
Distribution



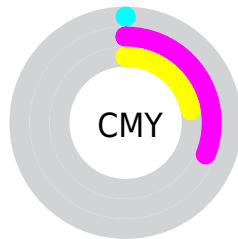
- Red (100%)
- Green (69%)
- Blue (78%)



- Red (100%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9584, 56.3879, 60.7809 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 66.9584, 56.3879, 60.7809 by changing the saturation by 10% instead.


 66.9584, 56.3879,
60.7809

 66.9584, 56.3879,
60.7809


439.2315,
411.1517, 445.3545

 49.3214, 40.5140,
43.6190


 113.9109, 99.5715,
107.5161

 35.0901, 27.9395,
30.0361


143.9572,
127.6500, 137.9264

 23.8991, 18.2801,
19.6137


178.8705,
160.5655, 173.5899

 15.3831, 11.1513,
11.9333

219.0163,
198.7024, 214.9252

 9.1768, 6.1687,
6.5763

264.7600,
242.4451, 262.3507

 4.9147, 2.9479,
3.1241


316.4668,

 2.2315, 1.1046,


292.1779, 316.2851


1.1584


374.5022,
348.2853, 377.1468


 0.7593, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.9584, 56.3879,
60.7809


 66.9584, 56.3879,
60.7809


 60.4250, 46.5137,
48.7606


 74.6915, 68.2484,
74.4745

 55.0252, 38.5092,
38.3443

 83.6774, 82.1883,
89.9001

 50.6929, 32.2571,
29.4623

 93.9712, 98.3039,
107.1179

 47.3528, 27.6238,
22.0384

95.0500, 100.0000,
108.9000

■ 44.9194, 24.4562,
15.9892

■ 43.2915, 22.5710,
11.2212

■ 42.3774, 21.7150,
7.9194

Harmonies

Analogous

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



65.1749, 56.3879, 80.2524



66.9584, 56.3879, 60.7809



64.9294, 56.3879, 44.8792

Triad

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



66.9584, 56.3879, 60.7809



47.4654, 56.3879, 35.7323



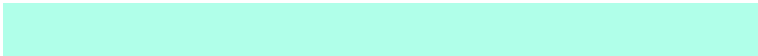
47.8110, 56.3879, 97.9431

Complementary

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



66.9584, 56.3879, 60.7809



68.3747, 86.6343, 90.2131

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.



43.6630, 56.3879, 81.5389



66.9584, 56.3879, 60.7809



43.4750, 56.3879, 45.7534

Square

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



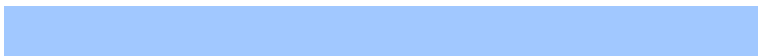
66.9584, 56.3879, 60.7809



53.3795, 56.3879, 32.3193



42.1396, 56.3879, 62.0169



53.8111, 56.3879, 104.1351

Rectangle

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



66.9584, 56.3879, 60.7809



61.7746, 56.3879, 37.7488



42.1396, 56.3879, 62.0169



46.1713, 56.3879, 93.2974

Sweetspot

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



66.9597, 56.3904, 60.7820



85.6081, 85.2003, 93.1616



67.0564, 55.5326, 101.7924



18.0186, 17.7604, 19.4254



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.



66.9597, 56.3904, 60.7820



62.8849, 50.2120, 53.3466



68.1740, 62.5886, 49.5652



18.2172, 18.0702, 19.7609



22.1972, 11.3682, 4.4229



2.2053, 1.1245, 0.6624

Inverse Universe

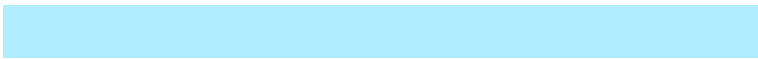
The Inverse Universe completely reimagines the original color for something new.



66.9597, 56.3904, 60.7820



62.8849, 50.2120, 53.3466



66.4969, 77.5328, 106.0683



18.2172, 18.0702, 19.7609



22.1972, 11.3682, 4.4229



2.2053, 1.1245, 0.6624

Previews

White Background



This preview shows how the XYZ color 66.9584, 56.3879, 60.7809 looks on a white background.

Color Contrast Check

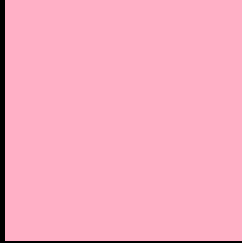
Large Text (above 18pt) WCAG AA × Fail

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 66.9584, 56.3879, 60.7809 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 66.9584, 56.3879, 60.7809

Background



This preview shows how black text looks on a background with the XYZ color 66.9584, 56.3879, 60.7809.



This preview shows how white text looks on a background with the XYZ color 66.9584, 56.3879,

60.7809.

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

66.9584, 56.3879, 60.7809

Protanopia

54.8878, 56.5914, 69.0031

Deuteranopia

57.9134, 56.6995, 59.5215



Tritanopia

65.9992, 56.2767, 56.6742

Trichromacy



Original Color

66.9584, 56.3879, 60.7809



Protanomaly

58.5516, 55.9115, 66.0985



Deuteranomaly

60.8014, 56.2591, 59.8791



Tritanomaly

66.3328, 56.4102, 58.4311

Monochromacy



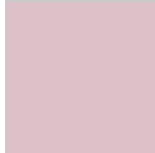
Original Color

66.9584, 56.3879, 60.7809



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.4314, 57.7291, 63.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9584, 56.3879, 60.7809 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 198) }
```

Border

The CSS property to change the border of an element to XYZ 66.9584, 56.3879, 60.7809 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, 198) }
```


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

```
.border{ border-color:rgb(255, 176, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9584, 56.3879, 60.7809 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
176, 198) }
```

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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