

Converting Colors

XYZ(66.2910, 56.1052, 57.3147)

Have a look what the booklet for
XYZ(66.2910, 56.1052, 57.3147)
contains.

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Color

**XYZ(66.2798, 56.1164,
57.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C0
RGB	255, 176, 192
RGB Percent	100%, 69%, 75%
CMY	0.0000, 0.3098, 0.2471
CMYK	0.00, 0.31, 0.25, 0.00
HSL	348°, 100%, 85%
HSV	348°, 31%, 100%
XYZ	66.2798, 56.1164, 57.2074
YIQ	201.4450, 41.9480, 21.7240

Conversions

Conversions Part 2

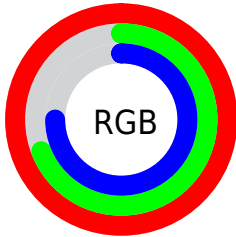
Format	Color
R_{YB}	255, 176, 192
Decimal	16756928
CIE _{Lab}	79.68, 30.97, 3.58
CIE _{LCh}	80, 31.181, 6.596
Yxy	56.1164, 0.3690, 0.3124
Android (android.graphics.Color)	4294947008 (0xFFFFB0C0)
YUV	201.4450, -4.6564, 46.9677
Hunter-Lab	74.9109, 26.8395, 7.1595

Details

The XYZ color **66.2798, 56.1164, 57.2074** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2466, 86.9831, 94.8049**, and the grayscale version is **55.8045, 58.7106, 63.9359**.

A 20% lighter version of the original color is **87.0399, 85.7505, 100.7709**, and **34.7691, 27.9003, 27.9789** is the 20% darker color. If you saturate the color by 10%, you get **59.6415, 46.2003, 44.6351**, and if you desaturate by 10%, it is **74.1712, 68.0402, 71.7349**.

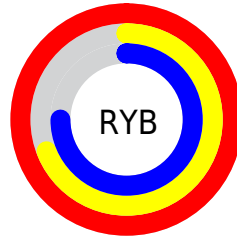
Distribution



Red (100%)

Green (69%)

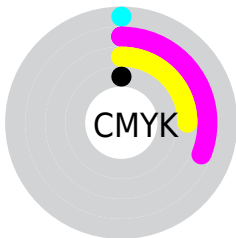
Blue (75%)



Red (100%)

Yellow (69%)

Blue (75%)

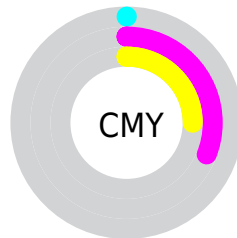


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2798, 56.1164, 57.2074 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 66.2798, 56.1164, 57.2074 by changing the saturation by 10% instead.


 66.2798, 56.1164,
57.2074

 66.2798, 56.1164,
57.2074


436.8498,
410.1300, 431.7415

 48.7681, 40.2963,
40.7613


 112.9433, 99.1747,
102.2711

 34.6493, 27.7696,
27.8143


142.8259,
127.1817, 131.7258

 23.5581, 18.1521,
17.9479


177.5628,
160.0198, 166.3537

 15.1291, 11.0592,
10.7435

217.5194,
198.0733, 206.5735

 8.9970, 6.1067,
5.7827

263.0610,
241.7267, 252.8036

 4.7963, 2.9101,
2.6467


314.5530,

 2.1618, 1.0850,


291.3644, 305.4626


0.9164


372.3608,
347.3707, 364.9691


 0.7225, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.2798, 56.1164,
57.2074


 66.2798, 56.1164,
57.2074


 59.6415, 46.2003,
44.6351

 74.1712, 68.0402,
71.7349

 54.1870, 38.1738,
33.9303

 83.3723, 82.0662,
88.2934

 49.8461, 31.9184,
25.0033

 93.9410, 98.2917,
106.9588

 46.5395, 27.2985,
17.7557

95.0500, 100.0000,
108.9000

■ 44.1768, 24.1592,
12.0788

■ 42.6514, 22.3150,
7.8505

■ 41.8516, 21.5046,
5.1507

Harmonies

Analogous

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



65.2275, 56.1164, 75.9228



66.2798, 56.1164, 57.2074



63.6513, 56.1164, 42.6860

Triad

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



66.2798, 56.1164, 57.2074



46.4449, 56.1164, 37.2922



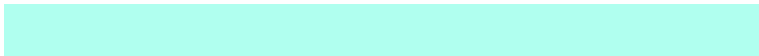
48.6744, 56.1164, 98.7320

Complementary

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



66.2798, 56.1164, 57.2074



69.2466, 86.9831, 94.8049

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.



44.2018, 56.1164, 84.1714



66.2798, 56.1164, 57.2074



42.9871, 56.1164, 48.3462

Square

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



66.2798, 56.1164, 57.2074



51.9594, 56.1164, 32.7414



42.1993, 56.1164, 65.1678



54.7386, 56.1164, 102.3857

Rectangle

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



66.2798, 56.1164, 57.2074



60.2784, 56.1164, 36.5015



42.1993, 56.1164, 65.1678



46.9500, 56.1164, 94.8286

Sweetspot

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



66.2811, 56.1189, 57.2085



85.3525, 85.0981, 91.8159



68.7977, 56.4303, 101.8738



17.9561, 17.7353, 19.0961



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.



66.2811, 56.1189, 57.2085



62.1370, 49.9129, 49.4081



69.3599, 64.9605, 49.9605



18.1597, 18.0472, 19.4584



21.9105, 11.2535, 2.9130



2.1702, 1.1104, 0.4776

Inverse Universe

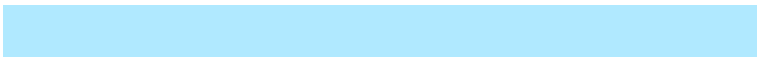
The Inverse Universe completely reimagines the original color for something new.



66.2811, 56.1189, 57.2085



62.1370, 49.9129, 49.4081



64.9869, 74.5128, 105.5650



18.1597, 18.0472, 19.4584



21.9105, 11.2535, 2.9130



2.1702, 1.1104, 0.4776

Previews

White Background



This preview shows how the XYZ color 66.2798, 56.1164, 57.2074 looks on a white background.

Color Contrast Check

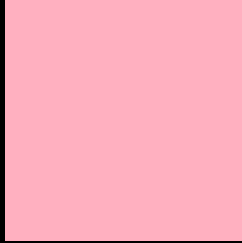
Large Text (above 18pt) WCAG AA × Fail

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 66.2798, 56.1164, 57.2074 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 66.2798, 56.1164, 57.2074

Background



This preview shows how black text looks on a background with the XYZ color 66.2798, 56.1164, 57.2074.



This preview shows how white text looks on a background with the XYZ color 66.2798, 56.1164,

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

66.2798, 56.1164, 57.2074

Protanopia

54.6848, 56.5715, 65.1639

Deuteranopia

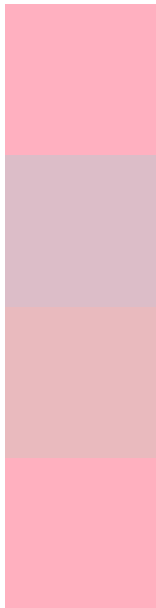
57.3313, 56.1514, 55.9607



Tritanopia

66.0596, 56.0284, 56.0480

Trichromacy



Original Color

66.2798, 56.1164, 57.2074

Protanomaly

58.1381, 55.7810, 62.3462

Deuteranomaly

60.4574, 56.1592, 56.3685

Tritanomaly

66.1693, 56.0723, 56.6257

Monochromacy



Original Color

66.2798, 56.1164, 57.2074

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.8615, 57.1486, 61.3545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2798, 56.1164, 57.2074 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 192) }
```

Border

The CSS property to change the border of an element to XYZ 66.2798, 56.1164, 57.2074 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, 192) }
```


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

```
.border{ border-color:rgb(255, 176, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2798, 56.1164, 57.2074 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
176, 192) }
```

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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