

Converting Colors

XYZ(66.7638, 56.2944, 59.8044)

Have a look what the booklet for
XYZ(66.7638, 56.2944, 59.8044)
contains.

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Color

**XYZ(66.7291, 56.2962,
59.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C4
RGB	255, 176, 196
RGB Percent	100%, 69%, 77%
CMY	0.0000, 0.3098, 0.2314
CMYK	0.00, 0.31, 0.23, 0.00
HSL	345°, 100%, 85%
HSV	345°, 31%, 100%
XYZ	66.7291, 56.2962, 59.5738
YIQ	201.9010, 40.6640, 22.9680

Conversions

Conversions Part 2

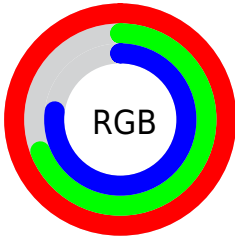
Format	Color
R _Y B	255, 176, 196
Decimal	16756932
CIE Lab	79.78, 31.53, 1.56
CIE LCh	80, 31.573, 2.836
Yxy	56.2962, 0.3654, 0.3083
Android (android.graphics.Color)	4294947012 (0xFFFFB0C4)
YUV	201.9010, -2.9092, 46.5678
Hunter-Lab	75.0308, 27.4462, 5.4458

Details

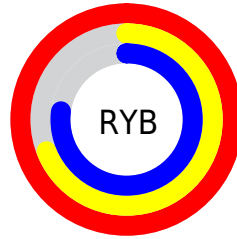
The XYZ color **66.7291, 56.2962, 59.5738** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6621, 86.7493, 91.7267**, and the grayscale version is **56.0784, 58.9989, 64.2498**.

A 20% lighter version of the original color is **87.8262, 86.0651, 104.9118**, and **34.9914, 27.9892, 29.1494** is the 20% darker color. If you saturate the color by 10%, you get **60.1587, 46.4072, 47.3586**, and if you desaturate by 10%, it is **74.5166, 68.1785, 73.5537**.

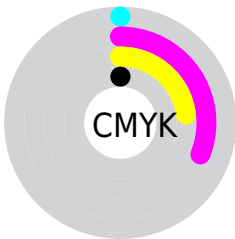
Distribution



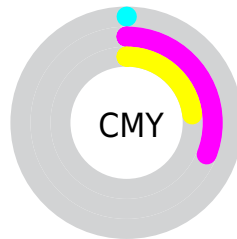
- Red (100%)
- Green (69%)
- Blue (77%)



- Red (100%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7291, 56.2962, 59.5738 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 66.7291, 56.2962, 59.5738 by changing the saturation by 10% instead.


 66.7291, 56.2962,
59.5738

 66.7291, 56.2962,
59.5738


438.4275,
410.8068, 440.7860

 49.1344, 40.4405,
42.6521

 113.5841, 99.4375,
105.7485

 34.9411, 27.8821,
29.2829


143.5751,
127.4919, 135.8386

 23.7838, 18.2368,
19.0475


178.4289,
160.3812, 171.1552

 15.2972, 11.1201,
11.5275

218.5109,
198.4900, 212.1170

 9.1159, 6.1477,
6.3042

264.1864,
242.2025, 259.1424

 4.8746, 2.9351,
2.9591

315.8207,

 2.2079, 1.0979,

291.9033, 312.6500

1.0738

373.7793,
347.9765, 373.0584

■ 0.7469, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7291, 56.2962,
59.5738

■ 66.7291, 56.2962,
59.5738

■ 60.1587, 46.4072,
47.3586

■ 74.5166, 68.1785,
73.5537

■ 54.7383, 38.3944,
36.8331

■ 83.5754, 82.1475,
89.3625

■ 50.4003, 32.1401,
27.9216

■ 93.9612, 98.3000,
107.0650

■ 47.0684, 27.5101,
20.5411

■ 95.0500, 100.0000,
108.9000

■ 44.6557, 24.3507,
14.6004

■ 43.0592, 22.4781,
9.9978

■ 42.1810, 21.6364,
6.8853

Harmonies

Analogous

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



65.1898, 56.2962, 78.7893



66.7291, 56.2962, 59.5738



64.4994, 56.2962, 44.1413

Triad

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



66.7291, 56.2962, 59.5738



47.1236, 56.2962, 36.2481



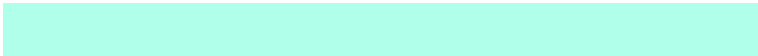
48.0968, 56.2962, 98.1990

Complementary

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



66.7291, 56.2962, 59.5738



68.6621, 86.7493, 91.7267

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.



43.8419, 56.2962, 82.4053



66.7291, 56.2962, 59.5738



43.3122, 56.2962, 46.6066

Square

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



66.7291, 56.2962, 59.5738



52.9027, 56.2962, 32.4610



42.1596, 56.2962, 63.0531



54.1176, 56.2962, 103.5433

Rectangle

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



66.7291, 56.2962, 59.5738



61.2716, 56.2962, 37.3315



42.1596, 56.2962, 63.0531



46.4293, 56.2962, 93.7998

Sweetspot

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



66.7305, 56.2988, 59.5749



85.5226, 85.1661, 92.7116



67.4870, 55.7546, 101.8125



17.9977, 17.7520, 19.3152



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.



66.7305, 56.2988, 59.5749



62.6314, 50.1106, 52.0115



68.4666, 63.1738, 49.6628



18.1980, 18.0625, 19.6597



22.0908, 11.3256, 3.8625



2.1927, 1.1194, 0.5961

Inverse Universe

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



66.7305, 56.2988, 59.5749



62.6314, 50.1106, 52.0115



66.1153, 76.7695, 105.9411



18.1980, 18.0625, 19.6597



22.0908, 11.3256, 3.8625



2.1927, 1.1194, 0.5961

Previews

White Background



This preview shows how the XYZ color 66.7291, 56.2962, 59.5738 looks on a white background.

Color Contrast Check

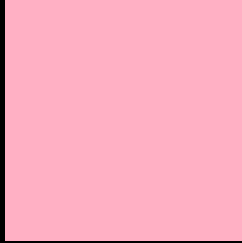
Large Text (above 18pt) WCAG AA × Fail

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 66.7291, 56.2962, 59.5738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

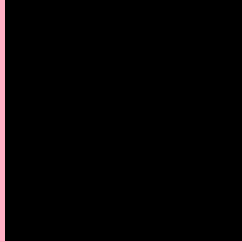
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7291, 56.2962, 59.5738

Background



This preview shows how black text looks on a background with the XYZ color 66.7291, 56.2962, 59.5738.



This preview shows how white text looks on a background with the XYZ color 66.7291, 56.2962,

59.5738.

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

66.7291, 56.2962, 59.5738

Protanopia

54.9046, 56.6287, 67.7112

Deuteranopia

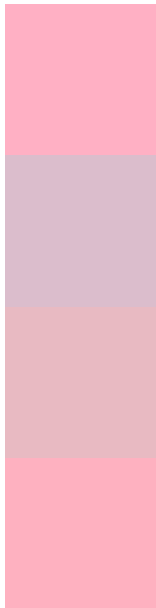
57.6887, 56.6096, 58.3383



Tritanopia

65.8895, 56.2328, 56.0965

Trichromacy



Original Color

66.7291, 56.2962, 59.5738

Protanomaly

58.3101, 55.8149, 64.8268

Deuteranomaly

60.5752, 56.1687, 58.6879

Tritanomaly

66.1096, 56.3209, 57.2558

Monochromacy



Original Color

66.7291, 56.2962, 59.5738

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

59.3141, 57.6822, 62.6512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7291, 56.2962, 59.5738 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 196) }
```

Border

The CSS property to change the border of an element to XYZ 66.7291, 56.2962, 59.5738 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, 196) }
```


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

```
.border{ border-color:rgb(255, 176, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7291, 56.2962, 59.5738 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
176, 196) }
```

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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