

Converting Colors

XYZ(76.4104, 64.7838, 57.7334)

Have a look what the booklet for
XYZ(76.4104, 64.7838, 57.7334)
contains.

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Color

**XYZ(68.4143, 60.5622,
57.3741)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBBBB |
| RGB | 255, 187, 191 |
| RGB Percent | 100%, 73%, 75% |
| CMY | 0.0000, 0.2666, 0.2510 |
| CMYK | 0.00, 0.27, 0.25, 0.00 |
| HSL | 356°, 100%, 87% |
| HSV | 356°, 27%, 100% |
| XYZ | 68.4143, 60.5622, 57.3741 |
| YIQ | 207.7880, 39.2440, 15.6600 |

Conversions

Conversions Part 2

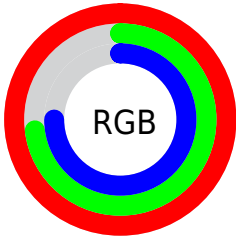
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 187, 191 |
| Decimal | 16759743 |
| CIE Lab | 82.14, 25.07, 7.67 |
| CIE LCh | 82, 26.216, 17.014 |
| Yxy | 60.5622, 0.3671, 0.3250 |
| Android (android.graphics.Color) | 4294949823 (0xFFFFBBBF) |
| YUV | 207.7880, -8.2765, 41.4049 |
| Hunter-Lab | 77.8217, 20.7342, 10.7636 |

Details

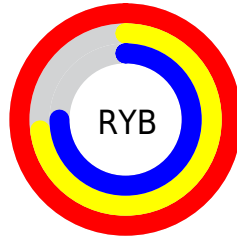
The XYZ color **68.4143, 60.5622, 57.3741** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6684, 89.0509, 104.5766**, and the grayscale version is **59.8523, 62.9693, 68.5735**.

A 20% lighter version of the original color is **90.3792, 92.6768, 101.1206**, and **36.0009, 30.4804, 28.0306** is the 20% darker color. If you saturate the color by 10%, you get **61.0485, 49.7170, 42.9378**, and if you desaturate by 10%, it is **77.1764, 73.5069, 74.4127**.

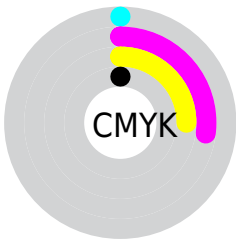
Distribution



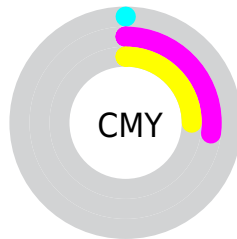
- Red (100%)
- Green (73%)
- Blue (75%)



- Red (100%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4143, 60.5622, 57.3741 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 68.4143, 60.5622, 57.3741 by changing the saturation by 10% instead.


 68.4143, 60.5622,
57.3741

 68.4143, 60.5622,
57.3741

444.3163,
426.6669, 432.3826

 50.5098, 43.8719,
40.8943


 115.9833,
105.6448, 102.5166

 36.0381, 30.5698,
27.9174

146.3785,
134.8059, 132.0164

 24.6338, 20.2715,
18.0249


181.6679,
168.8927, 166.6932

 15.9317, 12.5926,
10.7983

222.2169,
208.2897, 206.9657

 9.5664, 7.1486,
5.8189

268.3909,
253.3813, 253.2523

 5.1725, 3.5552,
2.6683


320.5552,


 2.3846, 1.4280,


304.5517, 305.9717


0.9274


379.0752,
362.1855, 365.5422


 0.8374, 0.2372,
0.0000


 0.0000, 0.0000,
0.0000


 68.4143, 60.5622,
57.3741


 68.4143, 60.5622,
57.3741

 61.0485, 49.7170,
42.9378


 77.1764, 73.5069,
74.4127

 55.0028, 40.8532,
30.9723

 87.3970, 88.6450,
94.1689

 50.2003, 33.8532,
21.3401

95.0500, 100.0000,
108.9000

 46.5543, 28.5841,
13.8888

■ 43.9672, 24.8951,
8.4480

■ 42.3251, 22.6096,
4.8217

■ 41.4869, 21.5065,
2.7746

■ 41.3261, 21.2944,
2.3834

Harmonies

Analogous

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



68.6330, 60.5622, 73.0715



68.4143, 60.5622, 57.3741



65.1718, 60.5622, 45.9665

Triad

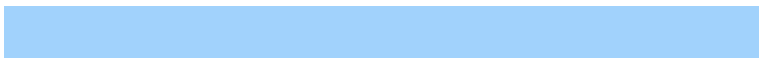
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4143, 60.5622, 57.3741



50.0835, 60.5622, 47.1747



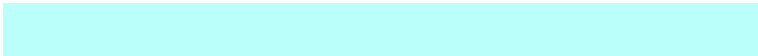
55.1911, 60.5622, 100.5427

Complementary

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



68.4143, 60.5622, 57.3741



73.6684, 89.0509, 104.5766

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.



50.5699, 60.5622, 90.9995



68.4143, 60.5622, 57.3741



47.7515, 60.5622, 59.2919

Square

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



68.4143, 60.5622, 57.3741



54.4875, 60.5622, 40.7618



47.9236, 60.5622, 75.3229



60.7511, 60.5622, 99.8058

Rectangle

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



68.4143, 60.5622, 57.3741



61.8435, 60.5622, 41.5594



47.9236, 60.5622, 75.3229



53.4838, 60.5622, 98.3732

Sweetspot

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



68.4158, 60.5649, 57.3753



85.9450, 86.4923, 91.3685



75.4136, 63.1737, 102.8268



18.0526, 18.0044, 18.8944



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.



68.4158, 60.5649, 57.3753



64.3158, 54.5230, 49.3562



74.8868, 74.2011, 57.3925



18.0526, 18.0044, 18.8944



21.6106, 11.1335, 1.3338



2.1187, 1.0898, 0.2063

Inverse Universe

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



68.4158, 60.5649, 57.3753



64.3158, 54.5230, 49.3562



65.6154, 71.9263, 105.0326



18.0526, 18.0044, 18.8944



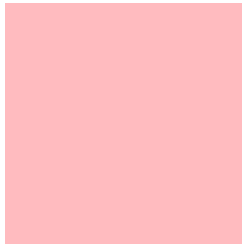
21.6106, 11.1335, 1.3338



2.1187, 1.0898, 0.2063

Previews

White Background



This preview shows how the XYZ color 68.4143, 60.5622, 57.3741 looks on a white background.

Color Contrast Check

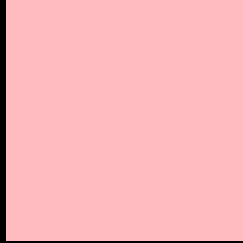
Large Text (above 18pt) WCAG AA × Fail

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 68.4143, 60.5622, 57.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

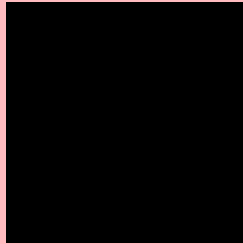
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4143, 60.5622, 57.3741

Background



This preview shows how black text looks on a background with the XYZ color 68.4143, 60.5622, 57.3741.



This preview shows how white text looks on a background with the XYZ color 68.4143, 60.5622,

57.3741.

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

68.4143, 60.5622, 57.3741

Protanopia

58.3127, 60.9112, 63.3272

Deuteranopia

61.7847, 60.4296, 56.5518



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

68.4143, 60.5622, 57.3741

Protanomaly

61.6362, 60.5881, 61.2694

Deuteranomaly

63.9608, 60.2084, 56.9655

Tritanomaly

68.8769, 60.4090, 60.8532

Monochromacy



Original Color

68.4143, 60.5622, 57.3741

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.3663, 61.5804, 64.4763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4143, 60.5622, 57.3741 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, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 191)  
}
```

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, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 191) }
```

Border

The CSS property to change the border of an element to XYZ 68.4143, 60.5622, 57.3741 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, 187, 191) }
```


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

```
.border{ border-color:rgb(255, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4143, 60.5622, 57.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 191) }
```

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

```
.background{ background-color: rgb(255,  
187, 191) }
```

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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