

Converting Colors

XYZ(68.4896, 58.7462, 57.6052)

Have a look what the booklet for
XYZ(68.4896, 58.7462, 57.6052)
contains.

XYZ(67.2783, 58.1135, 57.5403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.2783, 58.1135,
57.5403)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C0
RGB	255, 181, 192
RGB Percent	100%, 71%, 75%
CMY	0.0000, 0.2902, 0.2471
CMYK	0.00, 0.29, 0.25, 0.00
HSL	351°, 100%, 85%
HSV	351°, 29%, 100%
XYZ	67.2783, 58.1135, 57.5403
YIQ	204.3800, 40.5730, 19.1090

Conversions

Conversions Part 2

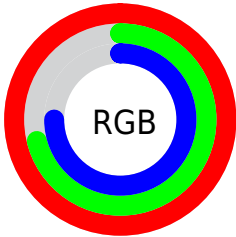
Format	Color
R _Y B	255, 181, 192
Decimal	16758208
CIE Lab	80.80, 28.35, 5.20
CIE LCh	81, 28.828, 10.398
Yxy	58.1135, 0.3678, 0.3177
Android (android.graphics.Color)	4294948288 (0xFFFFB5C0)
YUV	204.3800, -6.1033, 44.3937
Hunter-Lab	76.2322, 24.1278, 8.6103

Details

The XYZ color **67.2783, 58.1135, 57.5403** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1474, 87.8765, 98.8039**, and the grayscale version is **57.6556, 60.6582, 66.0568**.

A 20% lighter version of the original color is **88.4675, 88.6057, 101.2468**, and **35.2755, 28.9131, 28.1477** is the 20% darker color. If you saturate the color by 10%, you get **60.3290, 47.7849, 44.2182**, and if you desaturate by 10%, it is **75.5343, 70.4871, 73.0501**.

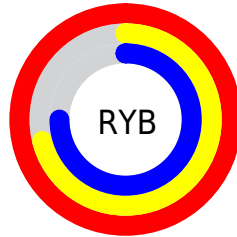
Distribution



Red (100%)

Green (71%)

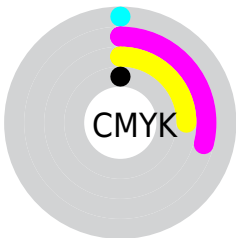
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

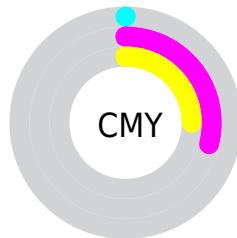


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2783, 58.1135, 57.5403 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 67.2783, 58.1135, 57.5403 by changing the saturation by 10% instead.


 67.2783, 58.1135,
57.5403

 67.2783, 58.1135,
57.5403


440.3517,
417.6087, 433.0211

 49.5824, 41.8999,
41.0269


 114.3667,
102.0881, 102.7613

 35.2981, 29.0229,
28.0203


144.4899,
130.6179, 132.3060

 24.0602, 19.0982,
18.1018


179.4861,
164.0219, 167.0315

 15.5032, 11.7412,
10.8529

219.7209,
202.6845, 207.3565

 9.2619, 6.5677,
5.8551

265.5594,
246.9901, 253.6994

 4.9709, 3.1933,
2.6898

317.3672,

 2.2648, 1.2334,

297.3231, 306.4788

0.9383

375.5095,
354.0678, 366.1132

■ 0.7766, 0.0888,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2783, 58.1135,
57.5403

■ 67.2783, 58.1135,
57.5403

■ 60.3290, 47.7849,
44.2182

■ 75.5343, 70.4871,
73.0501

■ 54.6148, 39.3835,
32.9814

■ 85.1550, 84.9994,
90.8365

■ 50.0637, 32.7918,
23.7247

95.0500, 100.0000,
108.9000

■ 46.5944, 27.8760,
16.3320

■ 44.1150, 24.4841,
10.6752

■ 42.5177, 22.4357,
6.6092

■ 41.6506, 21.4678,
3.9582

■ 41.5881, 21.3992,
3.7631

Harmonies

Analogous

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



66.7375, 58.1135, 74.9250



67.2783, 58.1135, 57.5403



64.4207, 58.1135, 44.3158

Triad

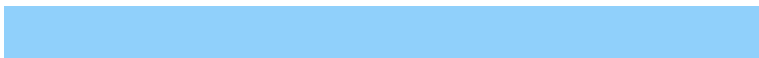
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2783, 58.1135, 57.5403



48.1426, 58.1135, 41.4463



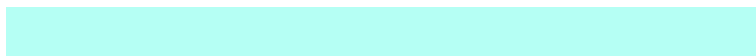
51.4827, 58.1135, 99.4622

Complementary

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



67.2783, 58.1135, 57.5403



71.1474, 87.8765, 98.8039

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.



46.9671, 58.1135, 86.9932



67.2783, 58.1135, 57.5403



45.1367, 58.1135, 52.9012

Square

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



67.2783, 58.1135, 57.5403



53.1944, 58.1135, 36.1948



44.7224, 58.1135, 69.3801



57.3274, 58.1135, 101.3144

Rectangle

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



67.2783, 58.1135, 57.5403



61.0856, 58.1135, 38.8343



44.7224, 58.1135, 69.3801



49.7707, 58.1135, 96.2801

Sweetspot

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



67.2797, 58.1161, 57.5415



85.1727, 85.0262, 90.8690



71.8490, 59.4857, 102.3028



17.9121, 17.7178, 18.8646



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.



67.2797, 58.1161, 57.5415



62.9687, 51.6968, 49.3139



71.8707, 69.1756, 53.2837



18.1193, 18.0310, 19.2456



21.7634, 11.1947, 2.1388



2.1500, 1.1024, 0.3715

Inverse Universe

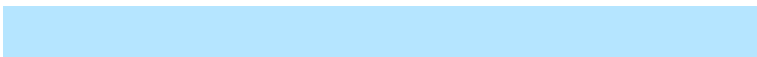
The Inverse Universe completely reimagines the original color for something new.



67.2797, 58.1161, 57.5415



62.9687, 51.6968, 49.3139



65.1551, 73.1397, 105.2911



18.1193, 18.0310, 19.2456



21.7634, 11.1947, 2.1388



2.1500, 1.1024, 0.3715

Previews

White Background



This preview shows how the XYZ color 67.2783, 58.1135, 57.5403 looks on a white background.

Color Contrast Check

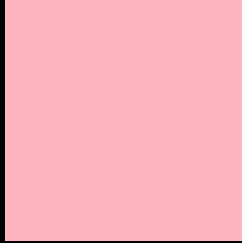
Large Text (above 18pt) WCAG AA × Fail

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 67.2783, 58.1135, 57.5403 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 67.2783, 58.1135, 57.5403

Background



This preview shows how black text looks on a background with the XYZ color 67.2783, 58.1135, 57.5403.

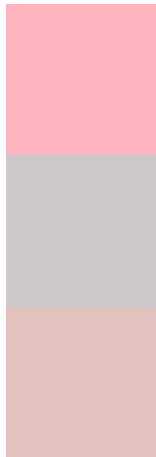


This preview shows how white text looks on a background with the XYZ color 67.2783, 58.1135,

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

67.2783, 58.1135, 57.5403

Protanopia

56.3356, 58.4577, 64.8142

Deuteranopia

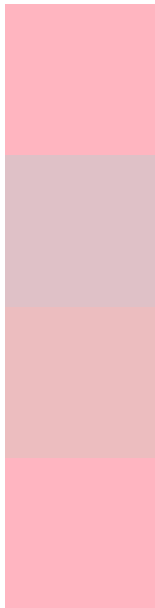
59.6374, 58.3088, 56.8267



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

67.2783, 58.1135, 57.5403

Protanomaly

59.8102, 57.9514, 62.0662

Deuteranomaly

62.1936, 57.9896, 57.2054

Tritanomaly

67.3895, 58.1580, 58.1259

Monochromacy



Original Color

67.2783, 58.1135, 57.5403

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.5967, 59.3380, 62.9032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2783, 58.1135, 57.5403 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, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 192) }
```

Border

The CSS property to change the border of an element to XYZ 67.2783, 58.1135, 57.5403 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, 181, 192) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2783, 58.1135, 57.5403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 192) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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