

Converting Colors

XYZ(69.8697, 63.4286, 57.9965)

Have a look what the booklet for
XYZ(69.8697, 63.4286, 57.9965)
contains.

XYZ(69.9358, 63.6052, 57.8812)	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(69.9358, 63.6052,
57.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2BF
RGB	255, 194, 191
RGB Percent	100%, 76%, 75%
CMY	0.0000, 0.2392, 0.2510
CMYK	0.00, 0.24, 0.25, 0.00
HSL	3°, 100%, 87%
HSV	3°, 25%, 100%
XYZ	69.9358, 63.6052, 57.8812
YIQ	211.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

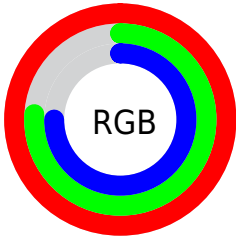
Format	Color
R _Y B	255, 194, 191
Decimal	16761535
CIE Lab	83.76, 21.40, 9.98
CIE LCh	84, 23.611, 25.016
Yxy	63.6052, 0.3653, 0.3323
Android (android.graphics.Color)	4294951615 (0xFFFFC2BF)
YUV	211.8970, -10.3022, 37.8013
Hunter-Lab	79.7529, 16.9603, 12.7969

Details

The XYZ color **69.9358, 63.6052, 57.8812** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3450, 87.9142, 107.6585**, and the grayscale version is **62.5612, 65.8192, 71.6772**.

A 20% lighter version of the original color is **92.5257, 96.9698, 101.8361**, and **36.9915, 32.4615, 28.3608** is the 20% darker color. If you saturate the color by 10%, you get **62.3965, 52.6334, 42.7076**, and if you desaturate by 10%, it is **78.8512, 76.5471, 75.9253**.

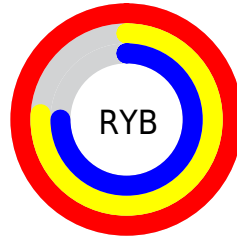
Distribution



Red (100%)

Green (76%)

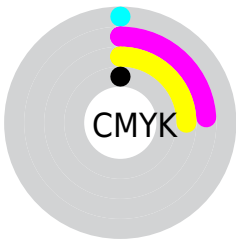
Blue (75%)



Red (100%)

Yellow (76%)

Blue (75%)

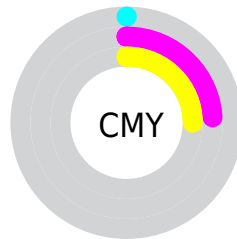


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9358, 63.6052, 57.8812 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 69.9358, 63.6052, 57.8812 by changing the saturation by 10% instead.


 69.9358, 63.6052,
57.8812

 69.9358, 63.6052,
57.8812


449.5945,
437.7626, 434.3290

 51.7536, 46.3310,
41.2991


 118.1440,
110.0422, 103.2629

 37.0322, 32.5071,
28.2314


148.9006,
139.9737, 132.8996

 25.4062, 21.7491,
18.2596


184.5795,
174.8931, 167.7248

 16.5103, 13.6727,
10.9652

225.5460,
215.1849, 208.1572

 9.9791, 7.8934,
5.9295

272.1653,
261.2333, 254.6153

 5.4473, 4.0268,
2.7342

324.8030,

 2.5494, 1.6886,

313.4228, 307.5176

0.9606

383.8242,
372.1377, 367.2827

■ 0.9202, 0.4162,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9358, 63.6052,
57.8812

■ 69.9358, 63.6052,
57.8812

■ 62.3965, 52.6334,
42.7076

■ 78.8512, 76.5471,
75.9253

■ 56.1605, 43.5271,
30.2531

■ 89.2017, 91.5399,
96.9730

■ 51.1552, 36.1850,
20.3579

95.0500, 100.0000,
108.9000

■ 47.2991, 30.4930,
12.8443

■ 44.5006, 26.3232,
7.5119

■ 42.6546, 23.5295,
4.1273

■ 41.6338, 21.9364,
2.4039

■ 41.3711, 21.5223,
1.9737

Harmonies

Analogous

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



70.9285, 63.6052, 71.7628



69.9358, 63.6052, 57.8812



66.3463, 63.6052, 48.4174

Triad

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



69.9358, 63.6052, 57.8812



52.6571, 63.6052, 54.1561



59.5937, 63.6052, 101.7311

Complementary

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



69.9358, 63.6052, 57.8812



74.3450, 87.9142, 107.6585

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.



54.9229, 63.6052, 95.3494



69.9358, 63.6052, 57.8812



51.0666, 63.6052, 66.8068

Square

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



69.9358, 63.6052, 57.8812



56.3406, 63.6052, 46.4916



51.8720, 63.6052, 82.0295



64.7646, 63.6052, 98.4491

Rectangle

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



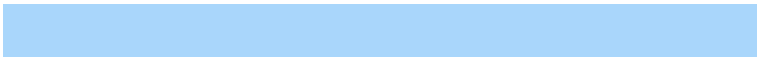
69.9358, 63.6052, 57.8812



63.0664, 63.6052, 45.1961



51.8720, 63.6052, 82.0295



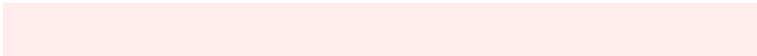
57.9164, 63.6052, 100.6214

Sweetspot

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



69.9373, 63.6081, 57.8825



86.0460, 86.9717, 90.5467



77.5795, 65.6056, 101.3915



18.0778, 18.1237, 18.6898



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.



69.9373, 63.6081, 57.8825



66.0730, 57.9881, 50.0936



77.6056, 78.9445, 60.4386



18.0778, 18.1237, 18.6898



21.6463, 11.3037, 1.0410



2.1306, 1.1466, 0.1090

Inverse Universe

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



74.3450, 87.9142, 107.6585



71.1498, 85.9938, 107.4562



65.3577, 69.9394, 104.6627



18.4775, 20.3266, 23.1995



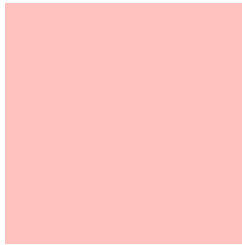
26.2148, 37.3392, 55.2601



2.5741, 3.6789, 5.3877

Previews

White Background



This preview shows how the XYZ color 69.9358, 63.6052, 57.8812 looks on a white background.

Color Contrast Check

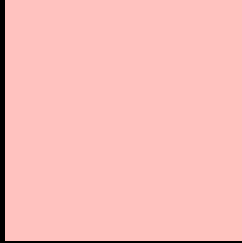
Large Text (above 18pt) WCAG AA × Fail

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 69.9358, 63.6052, 57.8812 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 69.9358, 63.6052, 57.8812

Background



This preview shows how black text looks on a background with the XYZ color 69.9358, 63.6052, 57.8812.



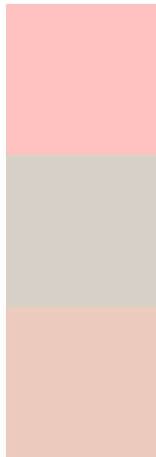
This preview shows how white text looks on a background with the XYZ color 69.9358, 63.6052,

57.8812.

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

69.9358, 63.6052, 57.8812

Protanopia

60.8890, 63.6823, 63.1156

Deuteranopia

65.3398, 63.9633, 57.6176



Tritanopia

71.3521, 63.4643, 67.5206

Trichromacy



Original Color

69.9358, 63.6052, 57.8812

Protanomaly

63.9529, 63.5204, 61.1145

Deuteranomaly

67.0259, 63.7976, 57.4967

Tritanomaly

70.8526, 63.6170, 63.8033

Monochromacy



Original Color

69.9358, 63.6052, 57.8812

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7253, 64.5163, 66.1682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9358, 63.6052, 57.8812 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, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 191) }
```

Border

The CSS property to change the border of an element to XYZ 69.9358, 63.6052, 57.8812 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, 194, 191) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9358, 63.6052, 57.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 191) }
```

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

```
.background{ background-color: rgb(255,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor