

# Converting Colors

XYZ(71.5616, 63.7124, 57.9407)

Have a look what the booklet for  
XYZ(71.5616, 63.7124, 57.9407)  
contains.

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# Color

**XYZ(69.4936, 62.7209,  
57.7338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC0BF
RGB	255, 192, 191
RGB Percent	100%, 75%, 75%
CMY	0.0000, 0.2470, 0.2510
CMYK	0.00, 0.25, 0.25, 0.00
HSL	1°, 100%, 87%
HSV	1°, 25%, 100%
XYZ	69.4936, 62.7209, 57.7338
YIQ	210.7230, 37.8690, 13.0450

# Conversions

## Conversions Part 2

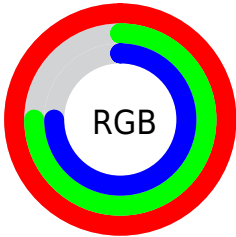
Format	Color
<a href="#">RYB</a>	<a href="#">255, 192, 191</a>
Decimal	<a href="#">16761023</a>
CIELab	<a href="#">83.30, 22.44, 9.32</a>
CIELCh	<a href="#">83, 24.303, 22.553</a>
Yxy	<a href="#">62.7209, 0.3659, 0.3302</a>
Android (android.graphics.Color)	<a href="#">4294951103</a> ( <a href="#">0xFFFFC0BF</a> )
YUV	<a href="#">210.7230, -9.7234, 38.8309</a>
Hunter-Lab	<a href="#">79.1965, 18.0368, 12.2155</a>

# Details

The XYZ color **69.4936, 62.7209, 57.7338** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9764, 89.1769, 107.8689**, and the grayscale version is **61.7801, 64.9975, 70.7823**.

A 20% lighter version of the original color is **91.9042, 95.7268, 101.6289**, and **36.7019, 31.8823, 28.2642** is the 20% darker color. If you saturate the color by 10%, you get **61.8789, 51.5982, 42.5351**, and if you desaturate by 10%, it is **78.5398, 75.9242, 75.8214**.

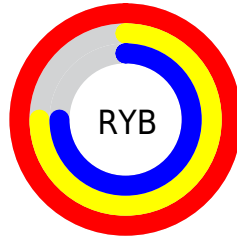
# Distribution



Red (100%)

Green (75%)

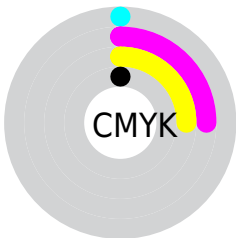
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

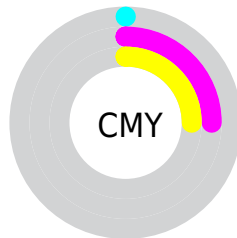


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4936, 62.7209, 57.7338 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 69.4936, 62.7209, 57.7338 by changing the saturation by 10% instead.





 69.4936, 62.7209,  
57.7338

 69.4936, 62.7209,  
57.7338


448.0641,  
434.5559, 433.7638

 51.3919, 45.6155,  
41.1814


 117.5165,  
108.7668, 103.0461

 36.7429, 31.9425,  
28.1401

148.1685,  
138.4760, 132.6430

 25.1813, 21.3176,  
18.1913

183.7345,  
173.1552, 167.4252

 16.3416, 13.3563,  
10.9166

224.5801,  
213.1889, 207.8111

 9.8586, 7.6744,  
5.8973

271.0704,  
258.9614, 254.2195

 5.3668, 3.8873,  
2.7150


323.5710,


 2.5010, 1.6107,


310.8571, 307.0686


0.9509


382.4471,  
369.2605, 366.7772

 0.8958, 0.3648,  
0.0000


 0.0000, 0.0000,  
0.0000


 69.4936, 62.7209,  
57.7338


 69.4936, 62.7209,  
57.7338

 61.8789, 51.5982,  
42.5351


 78.5398, 75.9242,  
75.8214

 55.6181, 42.4422,  
30.0722

 89.0805, 91.2975,  
96.9326

 50.6332, 35.1410,  
20.1838

95.0500, 100.0000,  
108.9000

 46.8365, 29.5679,  
12.6901

■ 44.1294, 25.5807,  
7.3881

■ 42.3970, 23.0143,  
4.0415

■ 41.4994, 21.6676,  
2.3591

■ 41.2835, 21.3469,  
1.9445

# Harmonies

## Analogous

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



70.2617, 62.7209, 72.1319



69.4936, 62.7209, 57.7338



66.0048, 62.7209, 47.7065

# Triad

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



69.4936, 62.7209, 57.7338



51.9098, 62.7209, 52.0907



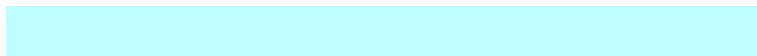
58.3077, 62.7209, 101.3815

# Complementary

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



69.4936, 62.7209, 57.7338



74.9764, 89.1769, 107.8689

# 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.



53.6503, 62.7209, 94.0832



69.4936, 62.7209, 57.7338



50.1009, 62.7209, 64.5917

# Square

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



69.4936, 62.7209, 57.7338



55.8036, 62.7209, 44.7997



50.7188, 62.7209, 80.0657



63.5948, 62.7209, 98.8280



# Rectangle

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



69.4936, 62.7209, 57.7338



62.7113, 62.7209, 44.1340



50.7188, 62.7209, 80.0657



56.6210, 62.7209, 99.9661

# Sweetspot

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



69.4952, 62.7237, 57.7351



85.8632, 86.6061, 90.4858



77.9211, 65.7422, 103.1904



18.0323, 18.0327, 18.6746



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.



69.4952, 62.7237, 57.7351



65.5872, 57.0166, 49.9316



77.0320, 77.7973, 60.2473



18.0323, 18.0327, 18.6746



21.5814, 11.1740, 1.0193



2.1090, 1.1034, 0.1018



# Inverse Universe

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



74.9764, 89.1769, 107.8689



71.9029, 87.5000, 107.7073



65.9240, 71.0722, 104.8515



18.5290, 20.4296, 23.2167



27.4674, 39.8444, 55.6776



2.6819, 3.8946, 5.4236



# Previews

## White Background



This preview shows how the XYZ color 69.4936, 62.7209, 57.7338 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

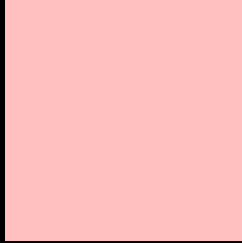
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.4936, 62.7209, 57.7338 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 69.4936, 62.7209, 57.7338**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.4936, 62.7209, 57.7338.



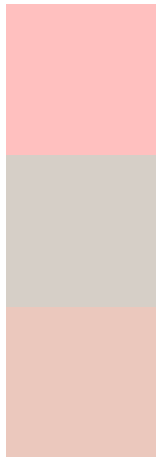
This preview shows how white text looks on a background with the XYZ color 69.4936, 62.7209,

57.7338.

# 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

69.4936, 62.7209, 57.7338

### Protanopia

60.3532, 63.0453, 63.0208

### Deuteranopia

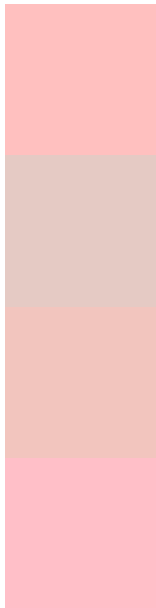
64.1005, 62.6448, 56.8573



## Tritanopia

70.8902, 62.9294, 66.1679

# Trichromacy



## Original Color

69.4936, 62.7209, 57.7338

## Protanomaly

63.3974, 62.8846, 61.0211

## Deuteranomaly

65.8785, 62.5275, 57.3120

## Tritanomaly

70.2961, 62.6917, 63.0393

# Monochromacy



## Original Color

69.4936, 62.7209, 57.7338

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

64.1705, 63.8763, 66.0739

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.4936, 62.7209, 57.7338 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, 192, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 69.4936, 62.7209, 57.7338 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, 192, 191) }
```



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

```
.border{ border-color:rgb(255, 192, 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, 192, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.4936, 62.7209, 57.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 191) }
```

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

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