

Converting Colors

XYZ(72.7914, 64.5127, 57.5411)

Have a look what the booklet for
XYZ(72.7914, 64.5127, 57.5411)
contains.

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Color

**XYZ(69.3839, 62.6770,
57.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0BE
RGB	255, 192, 190
RGB Percent	100%, 75%, 75%
CMY	0.0000, 0.2470, 0.2549
CMYK	0.00, 0.25, 0.25, 0.00
HSL	2°, 100%, 87%
HSV	2°, 25%, 100%
XYZ	69.3839, 62.6770, 57.1561
YIQ	210.6090, 38.1900, 12.7340

Conversions

Conversions Part 2

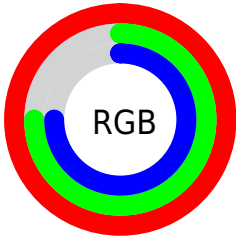
Format	Color
R _Y B	255, 192, 190
Decimal	16761022
CIE Lab	83.27, 22.31, 9.82
CIE LCh	83, 24.375, 23.766
Yxy	62.6770, 0.3667, 0.3312
Android (android.graphics.Color)	4294951102 (0xFFFFC0BE)
YUV	210.6090, -10.1602, 38.9309
Hunter-Lab	79.1688, 17.8928, 12.6136

Details

The XYZ color **69.3839, 62.6770, 57.1561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4092, 88.4147, 107.7517**, and the grayscale version is **61.7076, 64.9212, 70.6992**.

A 20% lighter version of the original color is **91.7502, 95.6652, 100.8182**, and **36.6298, 31.8534, 27.8846** is the 20% darker color. If you saturate the color by 10%, you get **61.8587, 51.7034, 42.0792**, and if you desaturate by 10%, it is **78.3110, 75.6735, 75.1073**.

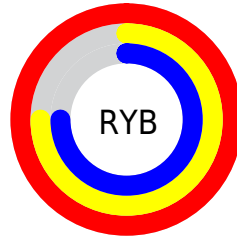
Distribution



Red (100%)

Green (75%)

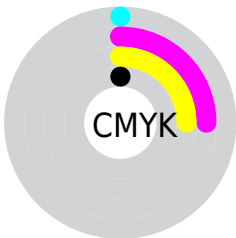
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

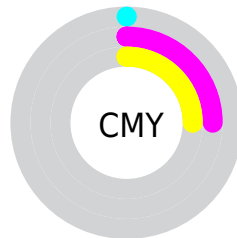


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3839, 62.6770, 57.1561 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 69.3839, 62.6770, 57.1561 by changing the saturation by 10% instead.


 69.3839, 62.6770,
57.1561

 69.3839, 62.6770,
57.1561


447.6840,
434.3963, 431.5441

 51.3022, 45.5800,
40.7204


 117.3608,
108.7034, 102.1955

 36.6712, 31.9145,
27.7826


147.9867,
138.4015, 131.6363

 25.1255, 21.2962,
17.9242


183.5247,
173.0688, 166.2492

 16.2998, 13.3407,
10.7267

224.3402,
213.0896, 206.4527

 9.8288, 7.6636,
5.7715

270.7986,
258.8484, 252.6654

 5.3470, 3.8804,
2.6401

323.2651,

 2.4891, 1.6069,

310.7295, 305.3059

0.9131

382.1051,
369.1173, 364.7926

■ 0.8898, 0.3622,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3839, 62.6770,
57.1561

■ 69.3839, 62.6770,
57.1561

■ 61.8587, 51.7034,
42.0792

■ 78.3110, 75.6735,
75.1073

■ 55.6598, 42.6431,
29.7239

■ 88.7011, 90.7783,
96.0670

■ 50.7116, 35.3890,
19.9291

95.0500, 100.0000,
108.9000

■ 46.9293, 29.8202,
12.5152

■ 44.2171, 25.8009,
7.2795

■ 42.4645, 23.1746,
3.9854

■ 41.5364, 21.7515,
2.3413

■ 41.3254, 21.4308,
1.9585

Harmonies

Analogous

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



70.2767, 62.6770, 71.4598



69.3839, 62.6770, 57.1561



65.7950, 62.6770, 47.3251

Triad

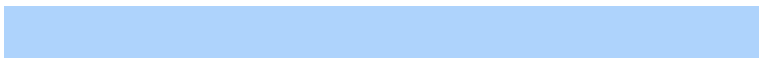
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3839, 62.6770, 57.1561



51.7325, 62.6770, 52.4209



58.4739, 62.6770, 101.5249

Complementary

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



69.3839, 62.6770, 57.1561



74.4092, 88.4147, 107.7517

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.



53.7555, 62.6770, 94.5670



69.3839, 62.6770, 57.1561



50.0146, 62.6770, 65.1273

Square

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



69.3839, 62.6770, 57.1561



55.5633, 62.6770, 44.8877



50.7328, 62.6770, 80.6818



63.7703, 62.6770, 98.5570

Rectangle

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



69.3839, 62.6770, 57.1561



62.4642, 62.6770, 43.9042



50.7328, 62.6770, 80.6818



56.7716, 62.6770, 100.2401

Sweetspot

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



69.3854, 62.6798, 57.1574



85.9517, 86.7831, 90.5153



77.5298, 65.2379, 102.2019



18.0543, 18.0767, 18.6819



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.



69.3854, 62.6798, 57.1574



65.0693, 56.3882, 48.5029



77.0784, 78.0657, 59.7217



18.0543, 18.0767, 18.6819



21.6128, 11.2369, 1.0298



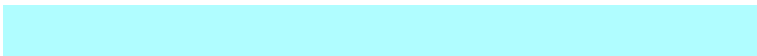
2.1195, 1.1243, 0.1053

Inverse Universe

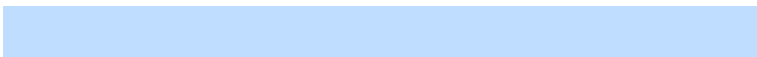
The Inverse Universe completely reimagines the original color for something new.



74.4092, 88.4147, 107.7517



70.9302, 86.4183, 107.5497



65.2523, 70.1009, 104.6994



18.5040, 20.3796, 23.2083



26.8539, 38.6173, 55.4731



2.6292, 3.7891, 5.4061

Previews

White Background



This preview shows how the XYZ color 69.3839, 62.6770, 57.1561 looks on a white background.

Color Contrast Check

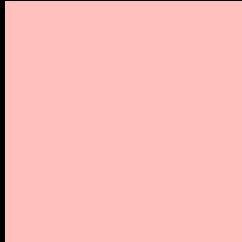
Large Text (above 18pt) WCAG AA × Fail

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 69.3839, 62.6770, 57.1561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

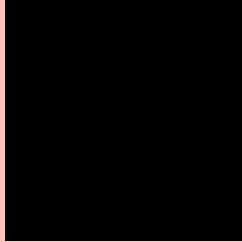
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3839, 62.6770, 57.1561

Background



This preview shows how black text looks on a background with the XYZ color 69.3839, 62.6770, 57.1561.



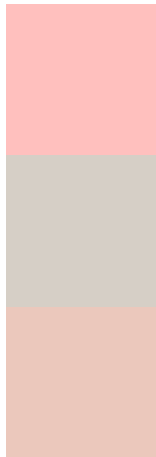
This preview shows how white text looks on a background with the XYZ color 69.3839, 62.6770,

57.1561.

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

69.3839, 62.6770, 57.1561

Protanopia

60.2374, 62.9990, 62.4113

Deuteranopia

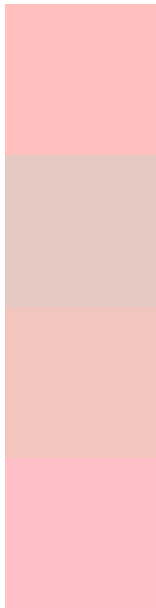
63.9923, 62.6016, 56.2875



Tritanopia

70.6729, 62.4947, 66.0954

Trichromacy



Original Color

69.3839, 62.6770, 57.1561

Protanomaly

63.2840, 62.8392, 60.4235

Deuteranomaly

65.7695, 62.4839, 56.7383

Tritanomaly

70.2961, 62.6917, 63.0393

Monochromacy



Original Color

69.3839, 62.6770, 57.1561

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.0509, 63.8284, 65.4442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3839, 62.6770, 57.1561 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 190) }
```

Border

The CSS property to change the border of an element to XYZ 69.3839, 62.6770, 57.1561 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, 190) }
```


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

```
.border{ border-color:rgb(255, 192, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3839, 62.6770, 57.1561 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
192, 190) }
```

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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