

# Converting Colors

XYZ(66.4357, 61.6063, 62.0421)

Have a look what the booklet for  
XYZ(66.4357, 61.6063, 62.0421)  
contains.

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# Color

**XYZ(66.4470, 61.7155,  
61.8362)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3C2C6
RGB	243, 194, 198
RGB Percent	95%, 76%, 78%
CMY	0.0471, 0.2392, 0.2235
CMYK	0.00, 0.20, 0.19, 0.05
HSL	355°, 67%, 86%
HSV	355°, 20%, 95%
XYZ	66.4470, 61.7155, 61.8362
YIQ	209.1070, 27.9200, 11.6320

# Conversions

## Conversions Part 2

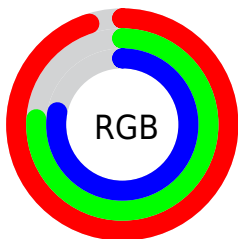
Format	Color
R <sub>Y</sub> B	243, 194, 198
Decimal	15975110
CIE Lab	82.76, 18.06, 4.65
CIE LCh	83, 18.653, 14.450
Yxy	61.7155, 0.3497, 0.3248
Android (android.graphics.Color)	4294165190 (0xFFFF3C2C6)
YUV	209.1070, -5.4758, 29.7242
Hunter-Lab	78.5592, 13.5004, 8.3226

# Details

The XYZ color **66.4470, 61.7155, 61.8362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8812, 81.8041, 93.7721**, and the grayscale version is **60.6974, 63.8584, 69.5418**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.6618, 31.2089, 30.5826** is the 20% darker color. If you saturate the color by 10%, you get **59.0872, 50.8162, 47.6042**, and if you desaturate by 10%, it is **75.0739, 74.5408, 78.3634**.

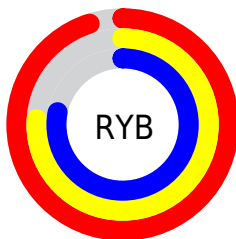
# Distribution



Red (95%)

Green (76%)

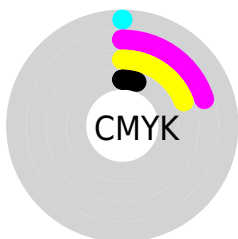
Blue (78%)



Red (95%)

Yellow (76%)

Blue (78%)

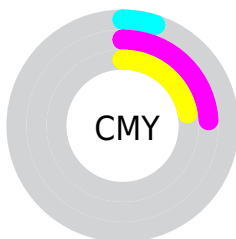


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (5%)



Cyan (5%)

Magenta (24%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4470, 61.7155, 61.8362 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 66.4470, 61.7155, 61.8362 by changing the saturation by 10% instead.



66.4470, 61.7155,  
61.8362

66.4470, 61.7155,  
61.8362

437.4373,  
430.8926, 449.3245

48.9044, 44.8029,  
44.4654

113.1818,  
107.3142, 109.0581

34.7579, 31.3022,  
30.6967

143.1048,  
136.7691, 139.7462

23.6421, 20.8291,  
20.1115

177.8852,  
171.1736, 175.7106

15.1916, 12.9991,  
12.2912

217.8885,  
210.9119, 217.3697

9.0412, 7.4279,  
6.8174

263.4800,  
256.3686, 265.1421

4.8254, 3.7311,  
3.2715


315.0251,

2.1789, 1.5243,


307.9280, 319.4464


1.2349


372.8890,  
365.9745, 380.7010


 0.7316, 0.3058,  
0.0075


 0.0000, 0.0000,  
0.0000


 66.4470, 61.7155,  
61.8362


 66.4470, 61.7155,  
61.8362


 59.0872, 50.8162,  
47.6042


 75.0739, 74.5408,  
78.3634

 52.9298, 41.7418,  
35.5623

 85.0183, 89.3697,  
97.2770

 47.9125, 34.3952,  
25.6027

 90.7724, 97.7948,  
108.6998

 43.9648, 28.6666,  
17.6072

■ 41.0088, 24.4337,  
11.4455

■ 38.9558, 21.5568,  
6.9717

■ 37.7009, 19.8697,  
4.0173

■ 37.0870, 19.1047,  
2.3861

# Harmonies

## Analogous

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



66.4054, 61.7155, 73.2932



66.4470, 61.7155, 61.8362



64.3372, 61.7155, 52.8889

# Triad

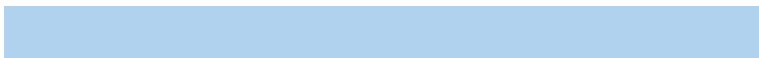
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4470, 61.7155, 61.8362



53.4229, 61.7155, 52.6339



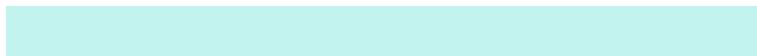
56.6158, 61.7155, 90.7971

# Complementary

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



66.4470, 61.7155, 61.8362



69.8812, 81.8041, 93.7721

# 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.



53.3246, 61.7155, 83.8792



66.4470, 61.7155, 61.8362



51.5392, 61.7155, 61.4499

# Square

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



66.4470, 61.7155, 61.8362



56.7555, 61.7155, 48.0012



51.5041, 61.7155, 72.8605



60.6040, 61.7155, 90.9312



# Rectangle

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



66.4470, 61.7155, 61.8362



62.0476, 61.7155, 49.1780



51.5041, 61.7155, 72.8605



55.3955, 61.7155, 89.1556

# Sweetspot

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



66.4487, 61.7183, 61.8375



88.1812, 89.7514, 95.8542



71.0397, 63.3937, 93.2866



18.7214, 18.9824, 20.2255



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.



66.4487, 61.7183, 61.8375



70.7718, 63.8684, 62.5033



70.8538, 71.2564, 61.0619



16.5540, 16.5044, 17.3978



20.3737, 10.4929, 1.4102



1.8092, 0.9296, 0.2214



# Inverse Universe

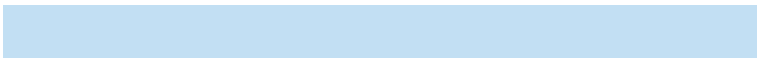
The Inverse Universe completely reimagines the original color for something new.



66.4487, 61.7183, 61.8375



70.7718, 63.8684, 62.5033



64.7047, 70.4957, 94.9913



16.5540, 16.5044, 17.3978



20.3737, 10.4929, 1.4102



1.8092, 0.9296, 0.2214



# Previews

## White Background



This preview shows how the XYZ color 66.4470, 61.7155, 61.8362 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

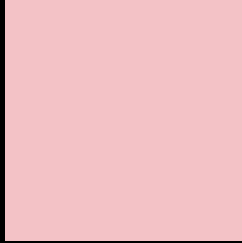
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 66.4470, 61.7155, 61.8362 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

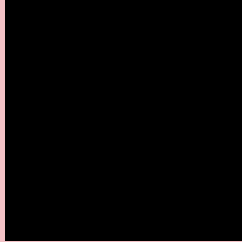
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 66.4470, 61.7155, 61.8362

## Background



This preview shows how black text looks on a background with the XYZ color 66.4470, 61.7155, 61.8362.



This preview shows how white text looks on a background with the XYZ color 66.4470, 61.7155,

61.8362.

# 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

66.4470, 61.7155, 61.8362

### Protanopia

59.3087, 61.7239, 65.9147

### Deuteranopia

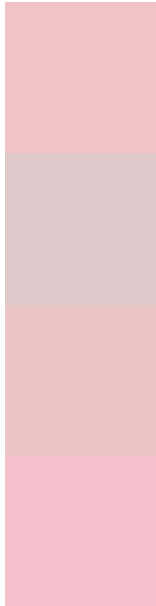
63.1346, 61.7011, 61.4053



## Tritanopia

67.6407, 61.8780, 67.4101

# Trichromacy



## Original Color

66.4470, 61.7155, 61.8362

## Protanomaly

61.6715, 61.5672, 64.5103

## Deuteranomaly

64.3052, 61.6259, 61.3291

## Tritanomaly

67.2773, 61.7327, 65.4964

# Monochromacy



## Original Color

66.4470, 61.7155, 61.8362

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

62.4311, 62.9657, 66.6207

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 66.4470, 61.7155, 61.8362 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(243, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 198)  
}
```

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(243, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 66.4470, 61.7155, 61.8362 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(243, 194, 198) }
```



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

```
.border{ border-color:rgb(243, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
198) }
```

# Background

The CSS property to change the background color of an element to XYZ 66.4470, 61.7155, 61.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 198) }
```

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

```
.background{ background-color: rgb(243,  
194, 198) }
```

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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