

# Converting Colors

XYZ(62.7690, 59.1308, 65.1384)

Have a look what the booklet for  
XYZ(62.7690, 59.1308, 65.1384)  
contains.

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# Color

**XYZ(62.7037, 59.0478,  
65.2193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C0CC
RGB	231, 192, 204
RGB Percent	91%, 75%, 80%
CMY	0.0941, 0.2470, 0.2000
CMYK	0.00, 0.17, 0.12, 0.09
HSL	342°, 45%, 83%
HSV	342°, 17%, 91%
XYZ	62.7037, 59.0478, 65.2193
YIQ	205.0290, 19.3920, 12.0000

# Conversions

## Conversions Part 2

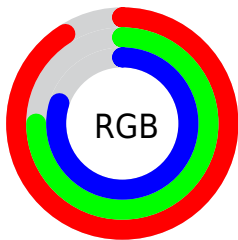
Format	Color
R <sub>Y</sub> B	231, 192, 204
Decimal	15188172
CIE Lab	81.32, 15.79, -0.80
CIE LCh	81, 15.813, 357.093
Yxy	59.0478, 0.3354, 0.3158
Android (android.graphics.Color)	4293378252 (0xFFE7C0CC)
YUV	205.0290, -0.5073, 22.7766
Hunter-Lab	76.8426, 11.1819, 3.4680

# Details

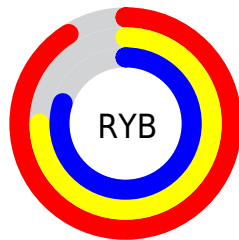
The XYZ color **62.7037, 59.0478, 65.2193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1026, 73.4743, 77.8774**, and the grayscale version is **58.0426, 61.0654, 66.5002**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **32.2727, 29.4929, 32.8459** is the 20% darker color. If you saturate the color by 10%, you get **56.2036, 48.9610, 54.0693**, and if you desaturate by 10%, it is **70.2003, 70.8108, 77.6748**.

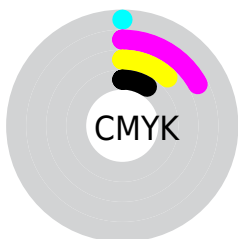
# Distribution



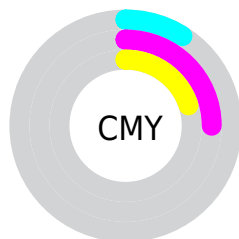
- Red (91%)
- Green (75%)
- Blue (80%)



- Red (91%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7037, 59.0478, 65.2193 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 62.7037, 59.0478, 65.2193 by changing the saturation by 10% instead.





 62.7037, 59.0478,  
65.2193

 62.7037, 59.0478,  
65.2193


424.1701,  
421.0790, 461.9074

 45.8593, 42.6516,  
47.1865


 107.8261,  
103.4471, 113.9814

 32.3390, 29.6119,  
32.8277


136.8349,  
132.2191, 145.5477

 21.7773, 19.5442,  
21.7244


170.6291,  
165.8850, 182.4622

 13.8091, 12.0641,  
13.4582

209.5742,  
204.8294, 225.1436

 8.0688, 6.7874,  
7.6104

254.0355,  
249.4366, 274.0102

 4.1912, 3.3295,  
3.7625

304.3783,

 1.8108, 1.3061,

300.0910, 329.4807

1.4960

360.9681,  
357.1770, 391.9736

■ 0.5242, 0.1459,  
0.2149

■ 0.0000, 0.0000,  
0.0000

■ 62.7037, 59.0478,  
65.2193

■ 62.7037, 59.0478,  
65.2193

■ 56.2036, 48.9610,  
54.0693

■ 70.2003, 70.8108,  
77.6748

■ 50.6519, 40.4659,  
44.1776

■ 78.7285, 84.3135,  
91.4734

■ 46.0041, 33.4829,  
35.4993

■ 86.2833, 95.5363,  
105.9743

■ 42.2102, 27.9220,  
27.9856

■ 86.7653, 95.7291,  
108.5123

■ 39.2148, 23.6839,  
21.5839

■ 36.9557, 20.6559,  
16.2371

■ 35.3610, 18.7066,  
11.8822

■ 34.3397, 17.6680,  
8.4469

■ 34.0946, 17.4448,  
7.5418

# Harmonies

## Analogous

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



61.6223, 59.0478, 74.6827



62.7037, 59.0478, 65.2193



61.9655, 59.0478, 56.3646

# Triad

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



62.7037, 59.0478, 65.2193



53.2818, 59.0478, 49.4300



52.7451, 59.0478, 80.7933

# Complementary

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



62.7037, 59.0478, 65.2193



63.1026, 73.4743, 77.8774

# 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.



50.6601, 59.0478, 72.9321



62.7037, 59.0478, 65.2193



50.9613, 59.0478, 54.9146

# Square

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



62.7037, 59.0478, 65.2193



56.4457, 59.0478, 47.7940



50.0199, 59.0478, 63.3755



55.8019, 59.0478, 84.2094



# Rectangle

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



62.7037, 59.0478, 65.2193



60.5562, 59.0478, 51.8767



50.0199, 59.0478, 63.3755



51.9120, 59.0478, 78.5475

# Sweetspot

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



62.7054, 59.0504, 65.2205



89.7276, 91.5776, 100.2745



62.3837, 58.4774, 83.6013



19.0510, 19.3576, 21.2108



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.



62.7054, 59.0504, 65.2205



75.7099, 69.5966, 76.9374



62.9293, 61.7131, 58.4674



14.5586, 14.4406, 15.8762



19.1625, 9.7992, 4.4847



1.4565, 0.7403, 0.5442



# Inverse Universe

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



62.7054, 59.0504, 65.2205



75.7099, 69.5966, 76.9374



62.7794, 70.2084, 85.8447



14.5586, 14.4406, 15.8762



19.1625, 9.7992, 4.4847

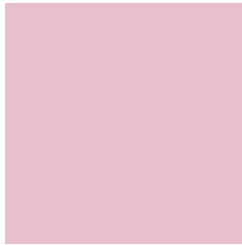


1.4565, 0.7403, 0.5442



# Previews

## White Background



This preview shows how the XYZ color 62.7037, 59.0478, 65.2193 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

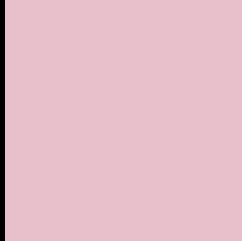
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.7037, 59.0478, 65.2193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

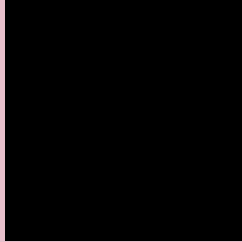
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 62.7037, 59.0478, 65.2193**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.7037, 59.0478, 65.2193.



This preview shows how white text looks on a background with the XYZ color 62.7037, 59.0478,



# 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

62.7037, 59.0478, 65.2193

### Protanopia

57.2971, 59.2141, 68.7312

### Deuteranopia

60.3382, 59.1638, 64.7395



## Tritanopia

63.0671, 59.1932, 67.1329

# Trichromacy



## Original Color

62.7037, 59.0478, 65.2193

## Protanomaly

59.1881, 59.1893, 67.3366

## Deuteranomaly

61.3459, 59.3496, 64.7222

## Tritanomaly

62.9452, 59.1444, 66.4910

# Monochromacy



## Original Color

62.7037, 59.0478, 65.2193

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

59.4053, 60.0125, 66.2102

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.7037, 59.0478, 65.2193 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(231, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(231, 192, 204)  
}
```

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(231, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 192, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 62.7037, 59.0478, 65.2193 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(231, 192, 204) }
```



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

```
.border{ border-color:rgb(231, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(231, 192,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.7037, 59.0478, 65.2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 192, 204) }
```

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

```
.background{ background-color: rgb(231,  
192, 204) }
```

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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