

# Converting Colors

XYZ(65.0061, 62.1629, 67.5528)

Have a look what the booklet for  
XYZ(65.0061, 62.1629, 67.5528)  
contains.

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# Color

**XYZ(65.0608, 62.2168,  
67.6115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9C6CF
RGB	233, 198, 207
RGB Percent	91%, 78%, 81%
CMY	0.0863, 0.2235, 0.1882
CMYK	0.00, 0.15, 0.11, 0.09
HSL	345°, 44%, 85%
HSV	345°, 15%, 91%
XYZ	65.0608, 62.2168, 67.6115
YIQ	209.4910, 17.9710, 10.2190

# Conversions

## Conversions Part 2

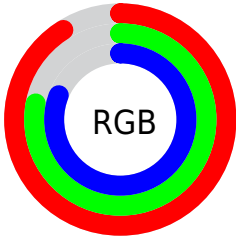
Format	Color
R <sub>Y</sub> B	233, 198, 207
Decimal	15320783
CIE Lab	83.03, 13.81, 0.11
CIE LCh	83, 13.806, 0.461
Yxy	62.2168, 0.3338, 0.3192
Android (android.graphics.Color)	4293510863 (0xFFE9C6CF)
YUV	209.4910, -1.2281, 20.6174
Hunter-Lab	78.8776, 9.1967, 4.3928

# Details

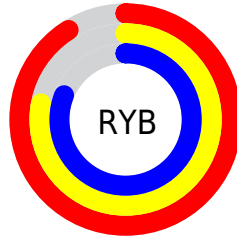
The XYZ color **65.0608, 62.2168, 67.6115** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8845, 75.6669, 81.6572**, and the grayscale version is **60.9261, 64.0990, 69.8038**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8545, 31.5935, 34.4508** is the 20% darker color. If you saturate the color by 10%, you get **58.1377, 51.5734, 55.4287**, and if you desaturate by 10%, it is **73.0387, 74.5970, 81.2922**.

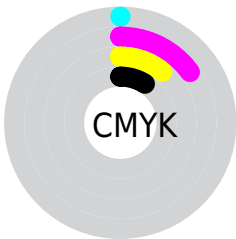
# Distribution



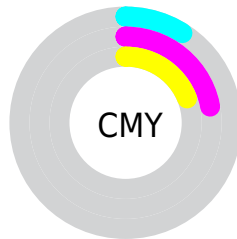
- Red (91%)
- Green (78%)
- Blue (81%)



- Red (91%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0608, 62.2168, 67.6115 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 65.0608, 62.2168, 67.6115 by changing the saturation by 10% instead.



65.0608, 62.2168,  
67.6115

65.0608, 62.2168,  
67.6115

432.5522,  
432.7215, 470.6789

47.7753, 45.2079,  
49.1170

111.2025,  
108.0388, 117.4451

33.8595, 31.6212,  
34.3461

140.7893,  
137.6207, 149.6214

22.9480, 21.0723,  
22.8801

175.2074,  
172.1624, 187.1953

14.6756, 13.1769,  
14.3005

214.8219,  
212.0483, 230.5855

8.6769, 7.5505,  
8.1888

259.9983,  
257.6627, 280.2103

4.5864, 3.8087,  
4.1265

311.1019,

2.0390, 1.5671,

309.3901, 336.4885

1.6950

368.4981,  
367.6149, 399.8385

■ 0.6557, 0.3353,  
0.3573

■ 0.0000, 0.0000,  
0.0000

■ 65.0608, 62.2168,  
67.6115

■ 65.0608, 62.2168,  
67.6115

■ 58.1377, 51.5734,  
55.4287

■ 73.0387, 74.5970,  
81.2922

■ 52.2195, 42.5809,  
44.6882

■ 82.1082, 88.7784,  
96.5159

■ 47.2597, 35.1585,  
35.3365

■ 87.4145, 96.0638,  
108.5427

■ 43.2063, 29.2153,  
27.3153

■ 40.0021, 24.6510,  
20.5621

■ 37.5831, 21.3527,  
15.0089

■ 35.8755, 19.1894,  
10.5807

■ 34.7905, 18.0009,  
7.1928

■ 34.4174, 17.6489,  
5.8530

# Harmonies

## Analogous

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



64.2693, 62.2168, 76.1730



65.0608, 62.2168, 67.6115



64.2206, 62.2168, 59.7493

# Triad

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



65.0608, 62.2168, 67.6115



56.2737, 62.2168, 54.5424



56.3510, 62.2168, 83.0706

# Complementary

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



65.0608, 62.2168, 67.6115



65.8845, 75.6669, 81.6572

# 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.



54.3256, 62.2168, 76.4207



65.0608, 62.2168, 67.6115



54.2820, 62.2168, 59.9600

# Square

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



65.0608, 62.2168, 67.6115



59.0891, 62.2168, 52.6033



53.5808, 62.2168, 67.8757



59.1813, 62.2168, 85.5413



# Rectangle

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



65.0608, 62.2168, 67.6115



62.8639, 62.2168, 55.8439



53.5808, 62.2168, 67.8757



55.5569, 62.2168, 81.2238

# Sweetspot

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



65.0626, 62.2196, 67.6128



89.6287, 91.5380, 99.7537



65.5414, 62.0684, 85.6174



19.0270, 19.3480, 21.0845



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.



65.0626, 62.2196, 67.6128



77.1027, 72.1251, 78.1939



65.9108, 65.6263, 62.6228



15.2244, 15.1176, 16.4668



19.5717, 10.0313, 3.5457



1.5750, 0.8029, 0.4791



# Inverse Universe

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



65.0626, 62.2196, 67.6128



77.1027, 72.1251, 78.1939



64.8790, 71.6511, 87.5019



15.2244, 15.1176, 16.4668



19.5717, 10.0313, 3.5457



1.5750, 0.8029, 0.4791



# Previews

## White Background



This preview shows how the XYZ color 65.0608, 62.2168, 67.6115 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

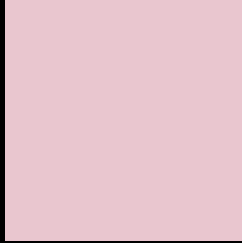
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.0608, 62.2168, 67.6115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

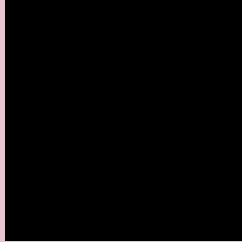
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.0608, 62.2168, 67.6115

## Background



This preview shows how black text looks on a background with the XYZ color 65.0608, 62.2168, 67.6115.



This preview shows how white text looks on a background with the XYZ color 65.0608, 62.2168,

67.6115.

# 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

65.0608, 62.2168, 67.6115

### Protanopia

60.2495, 62.4514, 71.1662

### Deuteranopia

63.5953, 62.1444, 67.6747



## Tritanopia

65.9082, 62.2290, 71.4885

# Trichromacy



## Original Color

65.0608, 62.2168, 67.6115

## Protanomaly

61.9022, 62.2704, 69.7296

## Deuteranomaly

63.9990, 62.0099, 67.6275

## Tritanomaly

65.6558, 62.1281, 70.1595

# Monochromacy



## Original Color

65.0608, 62.2168, 67.6115

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

62.1299, 63.1221, 68.5837

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.0608, 62.2168, 67.6115 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(233, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(233, 198, 207)  
}
```

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(233, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 65.0608, 62.2168, 67.6115 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(233, 198, 207) }
```



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

```
.border{ border-color:rgb(233, 198, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.0608, 62.2168, 67.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 198, 207) }
```

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

```
.background{ background-color: rgb(233,  
198, 207) }
```

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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