

# Converting Colors

XYZ(65.0892, 62.1534, 68.5426)

Have a look what the booklet for  
XYZ(65.0892, 62.1534, 68.5426)  
contains.

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# Color

**XYZ(65.1835, 62.2659,  
68.2575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9C6D0
RGB	233, 198, 208
RGB Percent	91%, 78%, 82%
CMY	0.0863, 0.2235, 0.1843
CMYK	0.00, 0.15, 0.11, 0.09
HSL	343°, 44%, 85%
HSV	343°, 15%, 91%
XYZ	65.1835, 62.2659, 68.2575
YIQ	209.6050, 17.6500, 10.5300

# Conversions

## Conversions Part 2

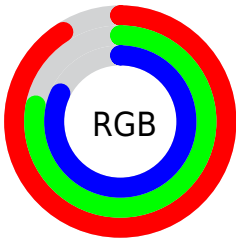
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 198, 208
Decimal	15320784
CIE <sub>Lab</sub>	83.05, 13.97, -0.39
CIE <sub>LCh</sub>	83, 13.976, 358.418
Yxy	62.2659, 0.3331, 0.3182
Android (android.graphics.Color)	4293510864 (0xFFE9C6D0)
YUV	209.6050, -0.7913, 20.5174
Hunter-Lab	78.9087, 9.3617, 3.9492

# Details

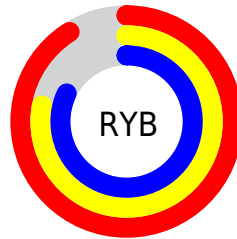
The XYZ color **65.1835, 62.2659, 68.2575** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7493, 75.6128, 80.9450**, and the grayscale version is **60.9981, 64.1747, 69.8863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9375, 31.6267, 34.8877** is the 20% darker color. If you saturate the color by 10%, you get **58.3205, 51.6465, 56.3911**, and if you desaturate by 10%, it is **73.0842, 74.6152, 81.5316**.

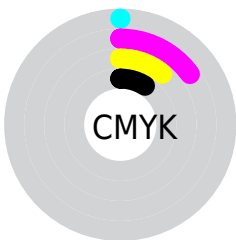
# Distribution



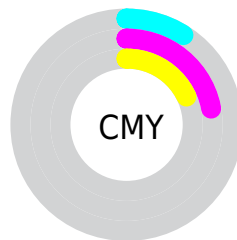
- Red (91%)
- Green (78%)
- Blue (82%)



- Red (91%)
- Yellow (78%)
- Blue (82%)



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



- Cyan (9%)
- Magenta (22%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1835, 62.2659, 68.2575 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 65.1835, 62.2659, 68.2575 by changing the saturation by 10% instead.



65.1835, 62.2659,  
68.2575

65.1835, 62.2659,  
68.2575

432.9859,  
432.9003, 473.0306

47.8751, 45.2476,  
49.6393

111.3779,  
108.1097, 118.3781

33.9389, 31.6525,  
34.7577

140.9946,  
137.7041, 150.7176

23.0093, 21.0962,  
23.1942

175.4448,  
172.2592, 188.4679

14.7211, 13.1943,  
14.5303

215.0939,  
212.1594, 232.0476

8.7089, 7.5625,  
8.3475

260.3072,  
257.7893, 281.8751

4.6074, 3.8163,  
4.2271

311.4501,

2.0512, 1.5713,

309.5332, 338.3691

1.7508

368.8878,  
367.7754, 401.9481

0.6625, 0.3382,  
0.3952

0.0000, 0.0000,  
0.0000

65.1835, 62.2659,  
68.2575

65.1835, 62.2659,  
68.2575

58.3205, 51.6465,  
56.3911

73.0842, 74.6152,  
81.5316

52.4461, 42.6716,  
45.8814

82.0585, 88.7586,  
96.2544

47.5148, 35.2606,  
36.6796

87.4145, 96.0638,  
108.5427

43.4755, 29.3230,  
28.7327

■ 40.2721, 24.7590,  
21.9839

■ 37.8418, 21.4561,  
16.3713

■ 36.1122, 19.2840,  
11.8270

■ 34.9959, 18.0831,  
8.2743

■ 34.6043, 17.7237,  
6.8372

# Harmonies

## Analogous

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



64.2721, 62.2659, 76.8928



65.1835, 62.2659, 68.2575



64.4418, 62.2659, 60.1804

# Triad

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



65.1835, 62.2659, 68.2575



56.4589, 62.2659, 54.1867



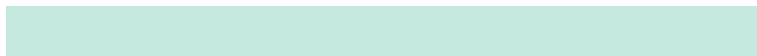
56.1901, 62.2659, 82.9875

# Complementary

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



65.1835, 62.2659, 68.2575



65.7493, 75.6128, 80.9450

# 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.



54.2162, 62.2659, 76.0305



65.1835, 62.2659, 68.2575



54.3677, 62.2659, 59.4484

# Square

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



65.1835, 62.2659, 68.2575



59.3425, 62.2659, 52.4830



53.5604, 62.2659, 67.3385



59.0216, 62.2659, 85.8330



# Rectangle

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



65.1835, 62.2659, 68.2575



63.1234, 62.2659, 56.0935



53.5604, 62.2659, 67.3385



55.4079, 62.2659, 81.0246

# Sweetspot

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



65.1853, 62.2687, 68.2588



89.6845, 91.5604, 100.0478



65.1818, 61.8830, 85.6006



19.0405, 19.3534, 21.1558



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.



65.1853, 62.2687, 68.2588



77.2781, 72.1952, 79.1173



65.6307, 65.0661, 62.5294



15.2424, 15.1248, 16.5616



19.6812, 10.0752, 4.1225



1.5856, 0.8072, 0.5353



# Inverse Universe

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



65.1853, 62.2687, 68.2588



77.2781, 72.1952, 79.1173



65.1951, 72.2835, 87.6074



15.2424, 15.1248, 16.5616



19.6812, 10.0752, 4.1225

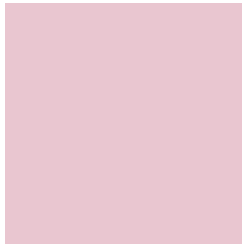


1.5856, 0.8072, 0.5353



# Previews

## White Background



This preview shows how the XYZ color 65.1835, 62.2659, 68.2575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

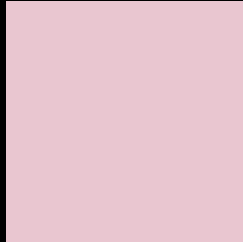
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.1835, 62.2659, 68.2575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

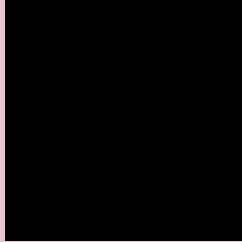
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.1835, 62.2659, 68.2575

## Background



This preview shows how black text looks on a background with the XYZ color 65.1835, 62.2659, 68.2575.



This preview shows how white text looks on a background with the XYZ color 65.1835, 62.2659,



# 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

65.1835, 62.2659, 68.2575

### Protanopia

60.3760, 62.5020, 71.8327

### Deuteranopia

63.7180, 62.1935, 68.3208



## Tritanopia

65.9082, 62.2290, 71.4885

# Trichromacy



## Original Color

65.1835, 62.2659, 68.2575

## Protanomaly

62.0272, 62.3204, 70.3879

## Deuteranomaly

64.1217, 62.0589, 68.2735

## Tritanomaly

65.6558, 62.1281, 70.1595

# Monochromacy



## Original Color

65.1835, 62.2659, 68.2575

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

62.4934, 63.6515, 69.3138

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.1835, 62.2659, 68.2575 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(233, 198, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 65.1835, 62.2659, 68.2575 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, 208) }
```



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

```
.border{ border-color:rgb(233, 198, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.1835, 62.2659, 68.2575 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, 208) }
```

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

```
.background{ background-color: rgb(233,  
198, 208) }
```

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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