

# Converting Colors

XYZ(67.9962, 67.2076, 69.7102)

Have a look what the booklet for  
XYZ(67.9962, 67.2076, 69.7102)  
contains.

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# Color

**XYZ(67.9962, 67.2076,  
69.7102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAD0D1
RGB	234, 208, 209
RGB Percent	92%, 82%, 82%
CMY	0.0823, 0.1843, 0.1804
CMYK	0.00, 0.11, 0.11, 0.08
HSL	358°, 38%, 87%
HSV	358°, 11%, 92%
XYZ	67.9962, 67.2076, 69.7102
YIQ	215.8880, 15.1750, 5.8230

# Conversions

## Conversions Part 2

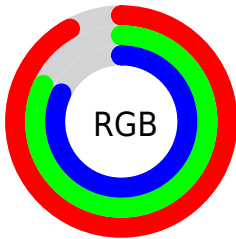
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 208, 209
Decimal	15388881
CIE Lab	85.61, 9.21, 2.81
CIE LCh	86, 9.634, 16.970
Yxy	67.2076, 0.3318, 0.3280
Android (android.graphics.Color)	4293578961 (0xFFEAD0D1)
YUV	215.8880, -3.3958, 15.8842
Hunter-Lab	81.9802, 4.5864, 6.9701

# Details

The XYZ color **67.9962, 67.2076, 69.7102** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1458, 78.1404, 88.4802**, and the grayscale version is **65.2107, 68.6068, 74.7128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8321, 34.9427, 35.8664** is the 20% darker color. If you saturate the color by 10%, you get **60.1145, 55.5920, 54.2944**, and if you desaturate by 10%, it is **77.1169, 80.6699, 87.4822**.

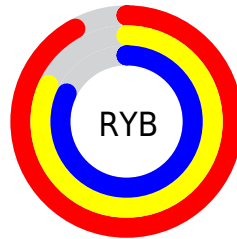
# Distribution



Red (92%)

Green (82%)

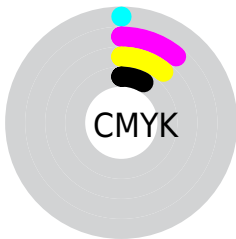
Blue (82%)



Red (92%)

Yellow (82%)

Blue (82%)

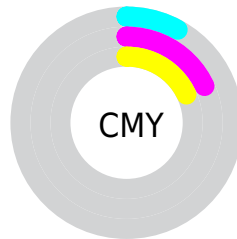


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9962, 67.2076, 69.7102 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 67.9962, 67.2076, 69.7102 by changing the saturation by 10% instead.



67.9962, 67.2076,  
69.7102

67.9962, 67.2076,  
69.7102

442.8595,  
450.6834, 478.2934

50.1683, 49.2534,  
50.8150

115.3886,  
115.2178, 120.4726

35.7655, 34.8205,  
35.6857

145.6839,  
146.0426, 153.1769

24.4224, 23.5246,  
23.9038

180.8657,  
181.9263, 191.3213

15.7737, 14.9814,  
15.0507

221.2993,  
223.2535, 235.3243

9.4540, 8.8063,  
8.7080

267.3501,  
270.4083, 285.6044

5.0979, 4.6151,  
4.4570

319.3835,

2.3402, 2.0232,

323.7753, 342.5803

1.8792

377.7649,  
383.7389, 406.6705

■ 0.8151, 0.6209,  
0.4795

■ 0.0000, 0.0000,  
0.0000

■ 67.9962, 67.2076,  
69.7102

■ 67.9962, 67.2076,  
69.7102

■ 60.1145, 55.5920,  
54.2944

■ 77.1169, 80.6699,  
87.4822

■ 53.4132, 45.7343,  
41.1317

■ 87.5209, 96.0450,  
107.6989

■ 47.8369, 37.5514,  
30.1181

■ 87.7420, 96.2326,  
108.5580

■ 43.3242, 30.9504,  
21.1393

■ 39.8072, 25.8291,  
14.0709

■ 37.2107, 22.0734,  
8.7744

■ 35.4485, 19.5525,  
5.0930

■ 34.4181, 18.1104,  
2.8423

■ 33.9812, 17.5123,  
1.8467

# Harmonies

## Analogous

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



68.0744, 67.2076, 75.9335



67.9962, 67.2076, 69.7102



66.7988, 67.2076, 64.7024

# Triad

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



67.9962, 67.2076, 69.7102



60.8466, 67.2076, 65.2446



62.9331, 67.2076, 85.5812

# Complementary

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



67.9962, 67.2076, 69.7102



70.1458, 78.1404, 88.4802

# 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.



61.0452, 67.2076, 82.3624



67.9962, 67.2076, 69.7102



59.8592, 67.2076, 70.4893

# Square

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



67.9962, 67.2076, 69.7102



62.6563, 67.2076, 62.2271



59.9311, 67.2076, 76.7582



65.1171, 67.2076, 85.3429



# Rectangle

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



67.9962, 67.2076, 69.7102



65.5422, 67.2076, 62.6198



59.9311, 67.2076, 76.7582



62.2438, 67.2076, 84.8602

# Sweetspot

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



67.9981, 67.2106, 69.7116



91.4958, 94.7510, 101.9833



70.9155, 68.3284, 87.2938



19.3857, 19.9880, 21.4427



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

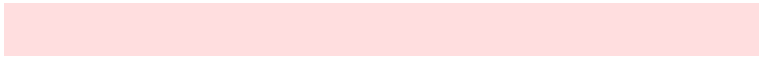


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9981, 67.2106, 69.7116



80.6569, 78.7571, 80.8475



70.8333, 73.0779, 70.0502



15.0889, 15.0634, 15.7532



19.1058, 9.8450, 1.0925



1.5085, 0.7764, 0.1293

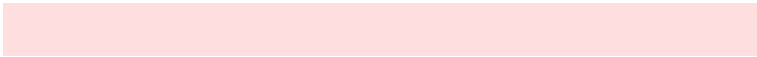


# Inverse Universe

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



67.9981, 67.2106, 69.7116



80.6569, 78.7571, 80.8475



67.0673, 71.7550, 88.1580



15.0889, 15.0634, 15.7532



19.1058, 9.8450, 1.0925



1.5085, 0.7764, 0.1293



# Previews

## White Background



This preview shows how the XYZ color 67.9962, 67.2076, 69.7102 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

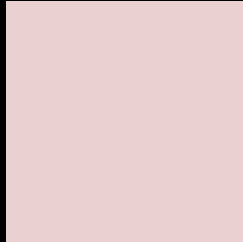
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 67.9962, 67.2076, 69.7102 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

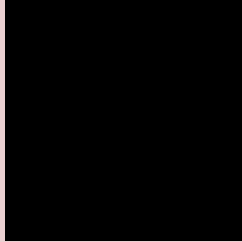
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 67.9962, 67.2076, 69.7102

## Background



This preview shows how black text looks on a background with the XYZ color 67.9962, 67.2076, 69.7102.



This preview shows how white text looks on a background with the XYZ color 67.9962, 67.2076,



# 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

67.9962, 67.2076, 69.7102

### Protanopia

64.5914, 67.2474, 71.8631

### Deuteranopia

68.7465, 67.2336, 69.6757



## Tritanopia

69.8482, 67.2494, 78.4063

# Trichromacy



## Original Color

67.9962, 67.2076, 69.7102

## Protanomaly

65.7926, 67.1390, 71.1195

## Deuteranomaly

68.4135, 67.0620, 69.6601

## Tritanomaly

69.0982, 67.2976, 74.9935

# Monochromacy



## Original Color

67.9962, 67.2076, 69.7102

## Achromatopsia

65.2694, 68.6685, 74.7800

## Achromatomaly

66.2359, 68.0806, 72.6006

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 67.9962, 67.2076, 69.7102 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(234, 208, 209) looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 209)  
}
```

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(234, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 67.9962, 67.2076, 69.7102 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(234, 208, 209) }
```



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

```
.border{ border-color:rgb(234, 208, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 67.9962, 67.2076, 69.7102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 209) }
```

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

```
.background{ background-color: rgb(234,  
208, 209) }
```

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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