

# Converting Colors

XYZ(69.5552, 68.1105, 72.1362)

Have a look what the booklet for  
XYZ(69.5552, 68.1105, 72.1362)  
contains.

<b>XYZ(69.4912, 67.9204, 72.3982)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(69.4912, 67.9204,  
72.3982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD0D5
RGB	237, 208, 213
RGB Percent	93%, 82%, 84%
CMY	0.0706, 0.1843, 0.1647
CMYK	0.00, 0.12, 0.10, 0.07
HSL	350°, 45%, 87%
HSV	350°, 12%, 93%
XYZ	69.4912, 67.9204, 72.3982
YIQ	217.2410, 15.6790, 7.7030

# Conversions

## Conversions Part 2

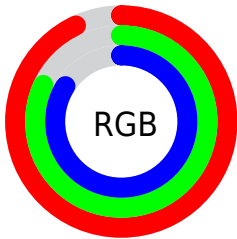
Format	Color
R <sub>Y</sub> B	237, 208, 213
Decimal	15585493
CIE Lab	85.97, 10.93, 1.24
CIE LCh	86, 10.996, 6.482
Yxy	67.9204, 0.3312, 0.3237
Android (android.graphics.Color)	4293775573 (0xFFEDD0D5)
YUV	217.2410, -2.0908, 17.3286
Hunter-Lab	82.4138, 6.2867, 5.6051

# Details

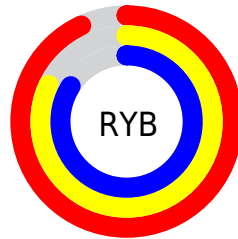
The XYZ color **69.4912, 67.9204, 72.3982** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8648, 79.8062, 88.0170**, and the grayscale version is **66.1266, 69.5703, 75.7621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7832, 35.4036, 37.2426** is the 20% darker color. If you saturate the color by 10%, you get **61.7981, 56.2802, 58.2835**, and if you desaturate by 10%, it is **78.3528, 81.4138, 88.3899**.

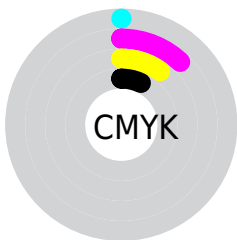
# Distribution



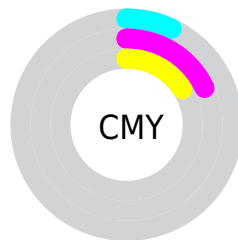
- Red (93%)
- Green (82%)
- Blue (84%)



- Red (93%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4912, 67.9204, 72.3982 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 69.4912, 67.9204, 72.3982 by changing the saturation by 10% instead.



69.4912, 67.9204,  
72.3982

69.4912, 67.9204,  
72.3982

448.0558,  
453.2139, 487.9412

51.3899, 49.8330,  
52.9952

117.5131,  
116.2383, 124.3355

36.7413, 35.2807,  
37.4112

148.1645,  
147.2375, 157.7068

25.1800, 23.8792,  
25.2278

183.7299,  
183.3095, 196.5714

16.3407, 15.2440,  
16.0263

224.5748,  
224.8385, 241.3477

9.8579, 8.9908,  
9.3882

271.0645,  
272.2091, 292.4543

5.3664, 4.7352,  
4.8950

323.5643,

2.5008, 2.0927,

325.8056, 350.3097

2.1281

382.4396,  
386.0124, 415.3325

■ 0.8956, 0.6605,  
0.6324

■ 0.0000, 0.0000,  
0.0000

■ 69.4912, 67.9204,  
72.3982

■ 69.4912, 67.9204,  
72.3982

■ 61.7981, 56.2802,  
58.2835

■ 78.3528, 81.4138,  
88.3899

■ 55.2188, 46.4037,  
45.9725

■ 88.2933, 96.5679,  
106.2766

■ 49.7030, 38.2073,  
35.3932

■ 88.7354, 96.7447,  
108.6045

■ 45.1940, 31.5970,  
26.4672

■ 41.6298, 26.4698,  
19.1101

■ 38.9416, 22.7101,  
13.2296

■ 37.0507, 20.1855,  
8.7236

■ 35.8638, 18.7368,  
5.4765

■ 35.3228, 18.1637,  
3.7269

# Harmonies

## Analogous

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



69.1018, 67.9204, 79.6302



69.4912, 67.9204, 72.3982



68.5309, 67.9204, 66.0063

# Triad

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



69.4912, 67.9204, 72.3982



61.7181, 67.9204, 63.3483



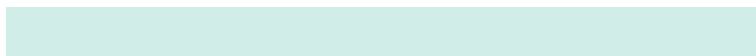
62.6422, 67.9204, 87.4211

# Complementary

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



69.4912, 67.9204, 72.3982



70.8648, 79.8062, 88.0170

# 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.



60.7384, 67.9204, 82.5149



69.4912, 67.9204, 72.3982



60.2147, 67.9204, 68.5537

# Square

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



69.4912, 67.9204, 72.3982



64.0108, 67.9204, 61.0052



59.8608, 67.9204, 75.5315



65.1049, 67.9204, 88.6160



# Rectangle

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



69.4912, 67.9204, 72.3982



67.2689, 67.9204, 62.9776



59.8608, 67.9204, 75.5315



61.9176, 67.9204, 86.1364

# Sweetspot

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



69.4931, 67.9234, 72.3996



90.5522, 93.1320, 100.8417



71.0201, 68.3322, 89.5679



19.2063, 19.6663, 21.2687



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.



69.4931, 67.9234, 72.3996



79.3537, 76.1030, 80.5598



71.1725, 72.2815, 69.8787



15.1714, 15.0964, 16.1878



19.3177, 9.9298, 2.2083



1.5478, 0.7921, 0.3363



# Inverse Universe

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



69.4931, 67.9234, 72.3996



79.3537, 76.1030, 80.5598



68.9939, 74.9126, 90.9448



15.1714, 15.0964, 16.1878



19.3177, 9.9298, 2.2083

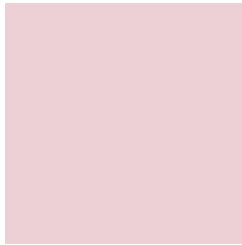


1.5478, 0.7921, 0.3363



# Previews

## White Background



This preview shows how the XYZ color 69.4912, 67.9204, 72.3982 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

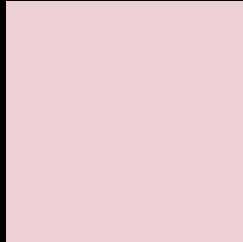
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.4912, 67.9204, 72.3982 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

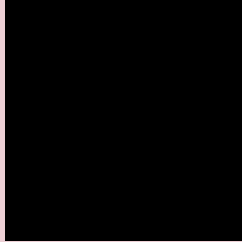
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 69.4912, 67.9204, 72.3982

## Background



This preview shows how black text looks on a background with the XYZ color 69.4912, 67.9204, 72.3982.



This preview shows how white text looks on a background with the XYZ color 69.4912, 67.9204,

72.3982.

# 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

69.4912, 67.9204, 72.3982

### Protanopia

65.3547, 67.9564, 74.6381

### Deuteranopia

69.4912, 67.9204, 72.3982



## Tritanopia

70.6505, 67.6475, 79.1456

# Trichromacy



## Original Color

69.4912, 67.9204, 72.3982

## Protanomaly

66.8606, 68.0008, 73.8915

## Deuteranomaly

69.4912, 67.9204, 72.3982

## Tritanomaly

70.3589, 67.9173, 76.4189

# Monochromacy



## Original Color

69.4912, 67.9204, 72.3982

## Achromatopsia

65.9525, 69.3872, 75.5626

## Achromatomaly

67.1817, 68.8983, 74.7236

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.4912, 67.9204, 72.3982 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(237, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 213)  
}
```

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(237, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 69.4912, 67.9204, 72.3982 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(237, 208, 213) }
```



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

```
.border{ border-color:rgb(237, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.4912, 67.9204, 72.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 213) }
```

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

```
.background{ background-color: rgb(237,  
208, 213) }
```

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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