

Converting Colors

XYZ(69.3061, 68.6055, 69.6757)

Have a look what the booklet for
XYZ(69.3061, 68.6055, 69.6757)
contains.

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Color

**XYZ(69.4803, 68.7012,
69.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD2D1
RGB	237, 210, 209
RGB Percent	93%, 82%, 82%
CMY	0.0706, 0.1764, 0.1804
CMYK	0.00, 0.11, 0.12, 0.07
HSL	2°, 44%, 87%
HSV	2°, 12%, 93%
XYZ	69.4803, 68.7012, 69.9202
YIQ	217.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

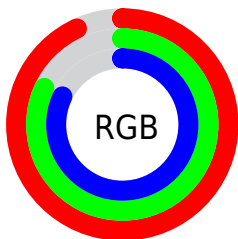
Format	Color
R _Y B	237, 210, 209
Decimal	15586001
CIE Lab	86.36, 9.22, 3.93
CIE LCh	86, 10.025, 23.063
Yxy	68.7012, 0.3339, 0.3301
Android (android.graphics.Color)	4293776081 (0xFFEDD2D1)
YUV	217.9590, -4.4168, 16.6990
Hunter-Lab	82.8862, 4.5789, 8.0051

Details

The XYZ color **69.4803, 68.7012, 69.9202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5756, 79.6590, 91.7248**, and the grayscale version is **66.6355, 70.1057, 76.3451**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8609, 35.9672, 36.0099** is the 20% darker color. If you saturate the color by 10%, you get **61.5176, 57.1270, 53.8502**, and if you desaturate by 10%, it is **78.6889, 82.0670, 88.5606**.

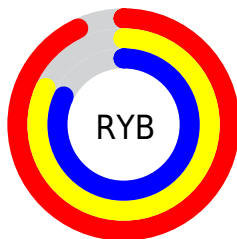
Distribution



Red (93%)

Green (82%)

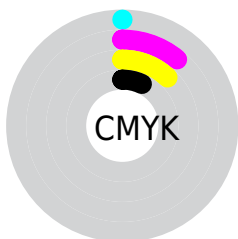
Blue (82%)



Red (93%)

Yellow (82%)

Blue (82%)

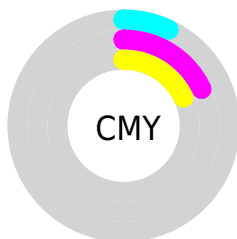


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4803, 68.7012, 69.9202 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 69.4803, 68.7012, 69.9202 by changing the saturation by 10% instead.

69.4803, 68.7012,
69.9202

69.4803, 68.7012,
69.9202

448.0181,
455.9764, 479.0513

51.3810, 50.4684,
50.9851

117.4976,
117.3547, 120.7750

36.7342, 35.7857,
35.8201

148.1464,
148.5442, 153.5318

25.1745, 24.2687,
24.0067

183.7091,
184.8214, 191.7328

16.3365, 15.5331,
15.1263

224.5510,
226.5706, 235.7967

9.8550, 9.1944,
8.7605

271.0375,
274.1764, 286.1419

5.3644, 4.8682,
4.4906

323.5339,

2.4996, 2.1701,

328.0230, 343.1871

1.8982

382.4057,
388.4949, 407.3507

■ 0.8950, 0.7036,
0.4916

■ 0.0000, 0.0000,
0.0000

■ 69.4803, 68.7012,
69.9202

■ 69.4803, 68.7012,
69.9202

■ 61.5176, 57.1270,
53.8502

■ 78.6889, 82.0670,
88.5606

■ 54.7418, 47.2597,
40.2337

■ 88.7354, 96.7447,
108.6045

■ 49.0979, 39.0213,
28.9513

■ 44.5241, 32.3242,
19.8722

■ 40.9529, 27.0727,
12.8521

■ 38.3089, 23.1603,
7.7302

■ 36.5063, 20.4658,
4.3214

■ 35.4431, 18.8464,
2.4039

■ 35.0177, 18.1892,
1.6652

Harmonies

Analogous

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



69.8177, 68.7012, 76.3544



69.4803, 68.7012, 69.9202



68.0102, 68.7012, 65.0698

Triad

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



69.4803, 68.7012, 69.9202



61.8047, 68.7012, 67.4014



64.7622, 68.7012, 88.1862

Complementary

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



69.4803, 68.7012, 69.9202



71.5756, 79.6590, 91.7248

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.



62.6597, 68.7012, 85.4634



69.4803, 68.7012, 69.9202



60.9785, 68.7012, 73.2746

Square

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



69.4803, 68.7012, 69.9202



63.5701, 68.7012, 63.6767



61.2878, 68.7012, 79.9099



67.0578, 68.7012, 87.1573

Rectangle

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



69.4803, 68.7012, 69.9202



66.6039, 68.7012, 63.2592



61.2878, 68.7012, 79.9099



64.0102, 68.7012, 87.6742

Sweetspot

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



69.4822, 68.7042, 69.9217



90.3935, 93.2456, 99.4602



72.8764, 69.6664, 89.0144



19.1664, 19.6949, 20.9207



0.0000, 0.0000, 0.0000



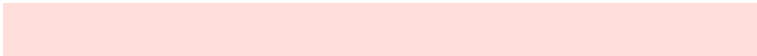
20.3446, 21.4041, 23.3091

Same Dimension

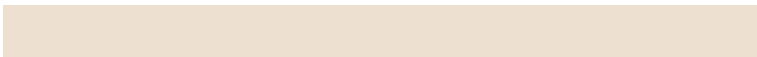
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4822, 68.7042, 69.9217



79.8116, 77.8820, 78.0513



73.0723, 75.8844, 71.1183



15.1088, 15.1406, 15.6448



19.1383, 9.9708, 0.9159



1.5181, 0.8136, 0.0770

Inverse Universe

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



71.5756, 79.6590, 91.7248



82.7066, 93.0323, 108.2057



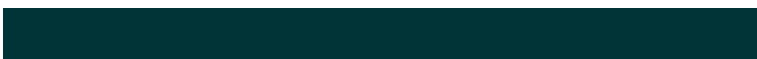
67.7204, 71.9486, 90.4398



15.4687, 17.0238, 19.3929



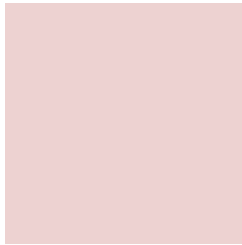
23.5893, 33.8256, 49.0287



1.8668, 2.6851, 3.8548

Previews

White Background



This preview shows how the XYZ color 69.4803, 68.7012, 69.9202 looks on a white background.

Color Contrast Check

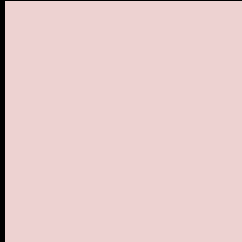
Large Text (above 18pt) WCAG AA × Fail

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 69.4803, 68.7012, 69.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

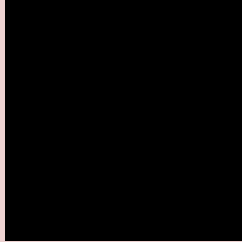
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4803, 68.7012, 69.9202

Background



This preview shows how black text looks on a background with the XYZ color 69.4803, 68.7012, 69.9202.

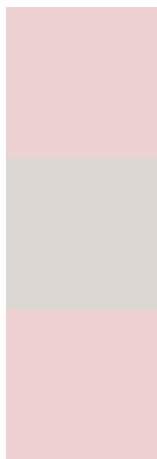


This preview shows how white text looks on a background with the XYZ color 69.4803, 68.7012,

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

69.4803, 68.7012, 69.9202

Protanopia

66.0029, 68.7265, 72.0742

Deuteranopia

70.2443, 68.7296, 69.8855



Tritanopia

71.6070, 68.8443, 80.0352

Trichromacy



Original Color

69.4803, 68.7012, 69.9202

Protanomaly

67.2307, 68.6225, 71.3301

Deuteranomaly

69.9057, 68.5551, 69.8696

Tritanomaly

70.8465, 68.8925, 76.5814

Monochromacy



Original Color

69.4803, 68.7012, 69.9202

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.6175, 69.5147, 74.1438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4803, 68.7012, 69.9202 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, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 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(237, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.4803, 68.7012, 69.9202 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, 210, 209) }
```


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

```
.border{ border-color:rgb(237, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4803, 68.7012, 69.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 209) }
```

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

```
.background{ background-color: rgb(237,  
210, 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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