

Converting Colors

XYZ(68.5408, 69.8499, 73.8421)

Have a look what the booklet for
XYZ(68.5408, 69.8499, 73.8421)
contains.

XYZ(68.5611, 70.0012, 74.1880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.5611, 70.0012,
74.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D7D7
RGB	228, 215, 215
RGB Percent	89%, 84%, 84%
CMY	0.1059, 0.1568, 0.1569
CMYK	0.00, 0.06, 0.06, 0.11
HSL	0°, 19%, 87%
HSV	0°, 6%, 89%
XYZ	68.5611, 70.0012, 74.1880
YIQ	218.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

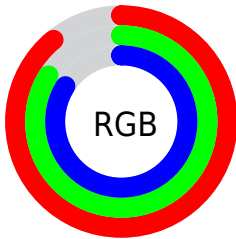
Format	Color
R _Y B	228, 215, 215
Decimal	14997463
CIE Lab	87.00, 4.46, 1.59
CIE LCh	87, 4.739, 19.628
Yxy	70.0012, 0.3223, 0.3290
Android (android.graphics.Color)	4293187543 (0xFFE4D7D7)
YUV	218.8870, -1.9163, 7.9921
Hunter-Lab	83.6667, -0.1441, 5.9938

Details

The XYZ color **68.5611, 70.0012, 74.1880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7711, 75.5340, 84.3018**, and the grayscale version is **67.2644, 70.7674, 77.0657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1495, 36.5639, 38.4100** is the 20% darker color. If you saturate the color by 10%, you get **60.4284, 58.1016, 58.0161**, and if you desaturate by 10%, it is **77.9147, 83.6874, 92.7829**.

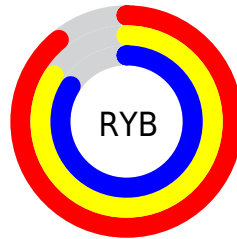
Distribution



Red (89%)

Green (84%)

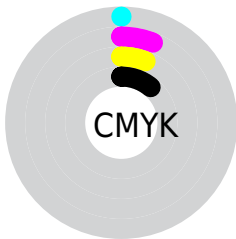
Blue (84%)



Red (89%)

Yellow (84%)

Blue (84%)

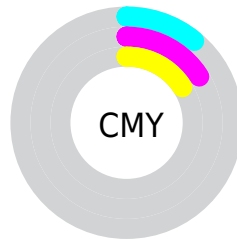


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5611, 70.0012, 74.1880 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 68.5611, 70.0012, 74.1880 by changing the saturation by 10% instead.

68.5611, 70.0012,
74.1880

68.5611, 70.0012,
74.1880

444.8271,
460.5542, 494.3027

50.6297, 51.5275,
54.4502

116.1920,
119.2105, 126.8988

36.1338, 36.6286,
38.5661

146.6222,
150.7148, 160.7088

24.7082, 24.9201,
26.1171

181.9493,
187.3316, 200.0467

15.9873, 16.0175,
16.6847

222.5388,
229.4450, 245.3310

9.6060, 9.5365,
9.8504

268.7560,
277.4396, 296.9802

5.1988, 5.0928,
5.1956

320.9662,

2.4003, 2.3018,

331.6998, 355.4129

2.3017

379.5347,
392.6098, 421.0475

■ 0.8453, 0.7747,
0.7322

■ 0.0000, 0.0000,
0.0000

■ 68.5611, 70.0012,
74.1880

■ 68.5611, 70.0012,
74.1880

■ 60.4284, 58.1016,
58.0161

■ 77.9147, 83.6874,
92.7829

■ 53.4606, 47.9061,
44.1631

■ 85.8053, 95.2342,
108.4674

■ 47.6062, 39.3397,
32.5242

■ 42.8076, 32.3180,
22.9847

■ 39.0019, 26.7490,
15.4196

■ 36.1196, 22.5311,
9.6908

■ 34.0824, 19.5496,
5.6421

■ 32.7987, 17.6708,
3.0918

■ 32.1561, 16.7299,
1.8158

Harmonies

Analogous

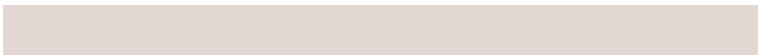
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6519, 70.0012, 77.3233



68.5611, 70.0012, 74.1880



67.9237, 70.0012, 71.6645

Triad

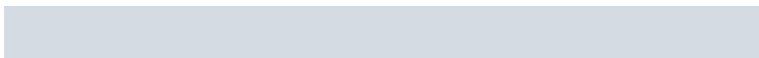
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5611, 70.0012, 74.1880



64.9240, 70.0012, 72.3348



66.1512, 70.0012, 82.3806

Complementary

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



68.5611, 70.0012, 74.1880



69.7711, 75.5340, 84.3018

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.



65.1635, 70.0012, 80.9634



68.5611, 70.0012, 74.1880



64.4602, 70.0012, 75.1261

Square

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



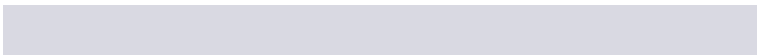
68.5611, 70.0012, 74.1880



65.8209, 70.0012, 70.6153



64.5473, 70.0012, 78.2876



67.2523, 70.0012, 82.1124

Rectangle

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



68.5611, 70.0012, 74.1880



67.2785, 70.0012, 70.6410



64.5473, 70.0012, 78.2876



65.7951, 70.0012, 82.0840

Sweetspot

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



68.5631, 70.0043, 74.1895



92.6347, 96.4659, 104.0977



70.2999, 70.6973, 83.3404



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



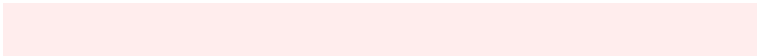
20.3446, 21.4041, 23.3091

Same Dimension

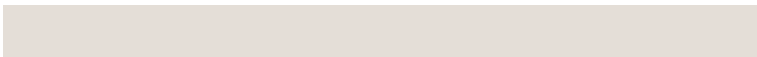
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.5631, 70.0043, 74.1895



86.8772, 88.0417, 92.6505



70.2502, 73.3786, 74.7519



14.7267, 14.8798, 15.6146



18.4756, 9.5254, 0.8648



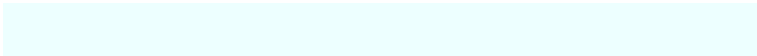
1.3654, 0.7042, 0.0639

Inverse Universe

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



69.7711, 75.5340, 84.3018



88.7834, 96.7668, 108.6062



68.0176, 72.0268, 83.7173



15.0750, 16.4738, 18.5296



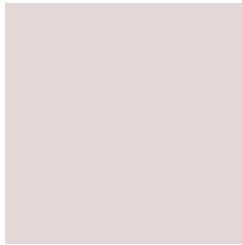
24.0952, 35.2524, 47.9176



1.7807, 2.6053, 3.5410

Previews

White Background



This preview shows how the XYZ color 68.5611, 70.0012, 74.1880 looks on a white background.

Color Contrast Check

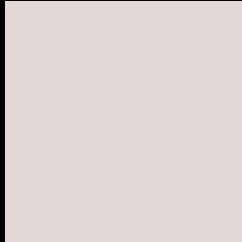
Large Text (above 18pt) WCAG AA × Fail

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 68.5611, 70.0012, 74.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

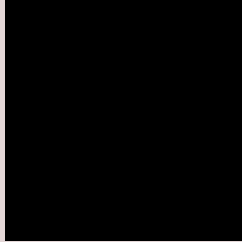
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

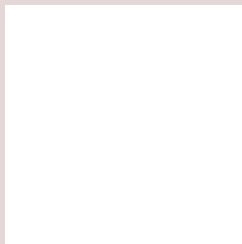
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5611, 70.0012, 74.1880

Background



This preview shows how black text looks on a background with the XYZ color 68.5611, 70.0012, 74.1880.



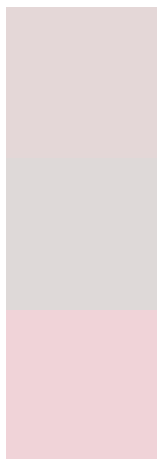
This preview shows how white text looks on a background with the XYZ color 68.5611, 70.0012,

74.1880.

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

68.5611, 70.0012, 74.1880

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

71.6241, 70.0717, 74.7159



Tritanopia

70.5702, 70.0686, 83.9339

Trichromacy



Original Color

68.5611, 70.0012, 74.1880

Protanomaly

67.6910, 69.9169, 74.8934

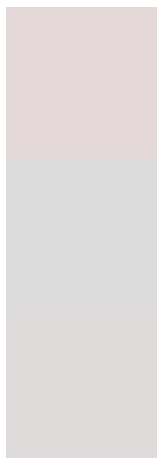
Deuteranomaly

70.5302, 69.8777, 74.7361

Tritanomaly

69.8142, 70.1330, 80.3784

Monochromacy



Original Color

68.5611, 70.0012, 74.1880

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.8505, 70.7344, 76.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5611, 70.0012, 74.1880 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(228, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(228, 215, 215)  
}
```

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(228, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 68.5611, 70.0012, 74.1880 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(228, 215, 215) }
```


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

```
.border{ border-color:rgb(228, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5611, 70.0012, 74.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 215, 215) }
```

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

```
.background{ background-color: rgb(228,  
215, 215) }
```

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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