

Converting Colors

XYZ(69.9110, 72.9272, 73.6452)

Have a look what the booklet for
XYZ(69.9110, 72.9272, 73.6452)
contains.

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Color

**XYZ(69.8616, 73.0110,
73.3612)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DDD5
RGB	228, 221, 213
RGB Percent	89%, 87%, 84%
CMY	0.1059, 0.1333, 0.1647
CMYK	0.00, 0.03, 0.07, 0.11
HSL	32°, 22%, 86%
HSV	32°, 7%, 89%
XYZ	69.8616, 73.0110, 73.3612
YIQ	222.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

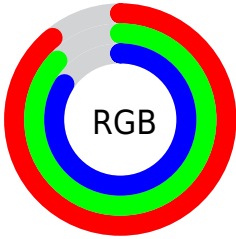
Format	Color
RYB	226, 228, 213
Decimal	14998997
CIELab	88.45, 1.01, 4.76
CIELCh	88, 4.863, 78.045
Yxy	73.0110, 0.3231, 0.3376
Android (android.graphics.Color)	4293189077 (0xFFE4DDD5)
YUV	222.1810, -4.5262, 5.1033
Hunter-Lab	85.4465, -3.5886, 8.9083

Details

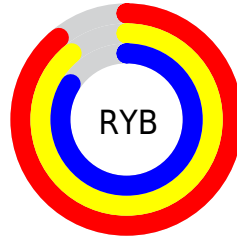
The XYZ color **69.8616, 73.0110, 73.3612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0372, 70.9328, 83.5578**, and the grayscale version is **69.5884, 73.2124, 79.7283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0414, 38.6253, 37.8509** is the 20% darker color. If you saturate the color by 10%, you get **64.4501, 66.4977, 58.2692**, and if you desaturate by 10%, it is **75.8619, 80.0491, 90.6586**.

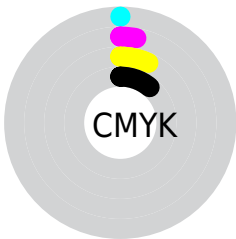
Distribution



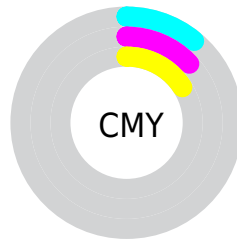
- Red (89%)
- Green (87%)
- Blue (84%)



- Red (89%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8616, 73.0110, 73.3612 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 69.8616, 73.0110, 73.3612 by changing the saturation by 10% instead.

■ 69.8616, 73.0110,
73.3612

■ 69.8616, 73.0110,
73.3612

449.3379,
471.0529, 491.3700

■ 51.6929, 53.9850,
53.7777

118.0387,
123.4928, 125.7155

■ 36.9836, 38.5896,
38.0320

148.7778,
155.7174, 159.3234

■ 25.3684, 26.4406,
25.7055

184.4378,
193.1103, 198.4433

■ 16.4820, 17.1536,
16.3797

225.3840,
236.0558, 243.4936

■ 9.9588, 10.3440,
9.6360

271.9817,
284.9385, 294.8929

■ 5.4337, 5.6277,
5.0558

324.5964,

■ 2.5413, 2.6200,

340.1426, 353.0597

2.2207

383.5933,
402.0526, 418.4125

■ 0.9161, 0.9367,
0.6863

■ 0.0000, 0.0000,
0.0000

■ 69.8616, 73.0110,
73.3612

■ 69.8616, 73.0110,
73.3612

■ 64.4501, 66.4977,
58.2692

■ 75.8619, 80.0491,
90.6586

■ 59.6012, 60.4865,
45.2878

■ 81.8787, 87.3810,
107.1585

■ 55.2955, 54.9665,
34.3223

■ 85.1410, 93.9057,
108.2459

■ 51.5101, 49.9229,
25.2690

■ 85.8053, 95.2342,
108.4674

■ 48.2201, 45.3403,
18.0147

■ 45.3982, 41.2017,
12.4341

■ 43.0141, 37.4889,
8.3857

■ 41.0326, 34.1814,
5.7039

■ 39.4100, 31.2553,
4.1797

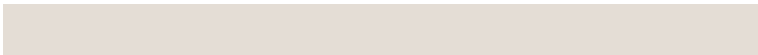
Harmonies

Analogous

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



70.9090, 73.0110, 74.8028



69.8616, 73.0110, 73.3612



68.7005, 73.0110, 73.5292

Triad

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



69.8616, 73.0110, 73.3612



67.2786, 73.0110, 81.5082



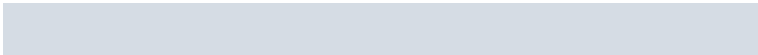
71.0805, 73.0110, 83.8802

Complementary

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



69.8616, 73.0110, 73.3612



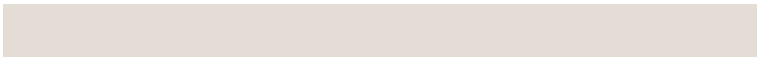
67.0372, 70.9328, 83.5578

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.



70.0937, 73.0110, 85.7784



69.8616, 73.0110, 73.3612



67.9023, 73.0110, 84.3826

Square

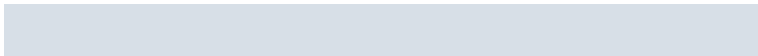
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8616, 73.0110, 73.3612



67.2180, 73.0110, 78.1700



68.9300, 73.0110, 85.9648



71.6180, 73.0110, 80.8380

Rectangle

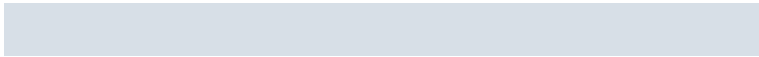
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8616, 73.0110, 73.3612



68.0182, 73.0110, 74.5320



68.9300, 73.0110, 85.9648



70.7898, 73.0110, 84.6769

Sweetspot

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



69.8636, 73.0142, 73.3628



93.4855, 98.1676, 104.3813



68.7084, 69.2508, 77.4565



20.0262, 21.0312, 22.3892



0.0000, 0.0000, 0.0000



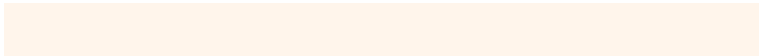
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8636, 73.0142, 73.3628



88.9772, 92.8342, 91.5238



71.5910, 76.7041, 73.9840



15.0106, 15.6352, 15.1312



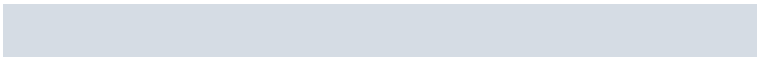
22.5898, 17.7538, 2.2362



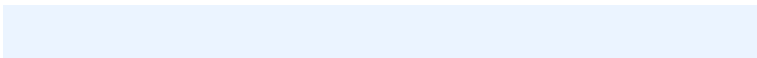
1.7621, 1.4975, 0.1962

Inverse Universe

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



67.0372, 70.9328, 83.5578



84.5641, 89.5843, 107.4422



65.3847, 67.4120, 82.9653



14.1342, 14.9897, 18.2927



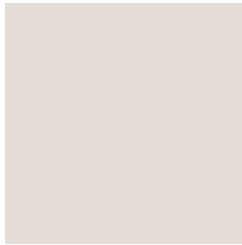
11.1986, 9.4593, 43.6188



0.9198, 0.8835, 3.2540

Previews

White Background



This preview shows how the XYZ color 69.8616, 73.0110, 73.3612 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 69.8616, 73.0110, 73.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

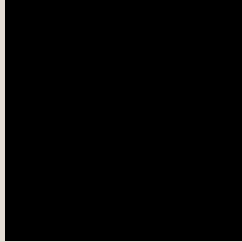
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

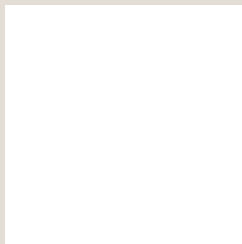
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8616, 73.0110, 73.3612

Background



This preview shows how black text looks on a background with the XYZ color 69.8616, 73.0110, 73.3612.

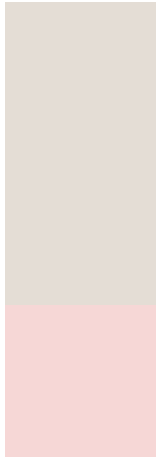


This preview shows how white text looks on a background with the XYZ color 69.8616, 73.0110,

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

69.8616, 73.0110, 73.3612

Protanopia

69.8616, 73.0110, 73.3612

Deuteranopia

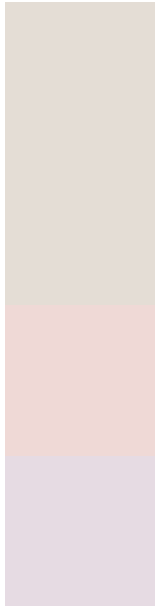
74.4441, 73.0487, 73.7945



Tritanopia

73.0218, 73.1299, 88.8641

Trichromacy



Original Color

69.8616, 73.0110, 73.3612

Protanomaly

69.8616, 73.0110, 73.3612

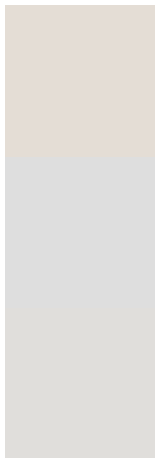
Deuteranomaly

72.5471, 72.8315, 73.8526

Tritanomaly

71.8298, 73.0321, 82.9838

Monochromacy



Original Color

69.8616, 73.0110, 73.3612

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6479, 73.2043, 77.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8616, 73.0110, 73.3612 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, 221, 213) looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 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(228, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.8616, 73.0110, 73.3612 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, 221, 213) }
```


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

```
.border{ border-color:rgb(228, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8616, 73.0110, 73.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 213) }
```

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

```
.background{ background-color: rgb(228,  
221, 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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