

Converting Colors

XYZ(67.8964, 70.2326, 71.6065)

Have a look what the booklet for
XYZ(67.8964, 70.2326, 71.6065)
contains.

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Color

**XYZ(67.6778, 69.9836,
71.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D8D3
RGB	226, 216, 211
RGB Percent	89%, 85%, 83%
CMY	0.1137, 0.1529, 0.1725
CMYK	0.00, 0.04, 0.07, 0.11
HSL	20°, 21%, 86%
HSV	20°, 7%, 89%
XYZ	67.6778, 69.9836, 71.5692
YIQ	218.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

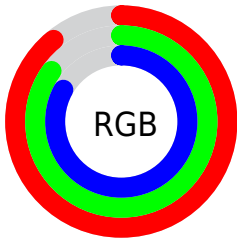
Format	Color
RYB	226, 219, 211
Decimal	14866643
CIELab	86.99, 2.57, 3.67
CIElCh	87, 4.481, 55.051
Yxy	69.9836, 0.3235, 0.3345
Android (android.graphics.Color)	4293056723 (0xFFE2D8D3)
YUV	218.4200, -3.6581, 6.6477
Hunter-Lab	83.6562, -1.9920, 7.8358

Details

The XYZ color **67.6778, 69.9836, 71.5692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4479, 71.0518, 82.1647**, and the grayscale version is **66.9529, 70.4397, 76.7088**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6253, 36.5820, 37.0817** is the 20% darker color. If you saturate the color by 10%, you get **61.3586, 61.5645, 56.4533**, and if you desaturate by 10%, it is **74.7530, 79.2756, 88.9040**.

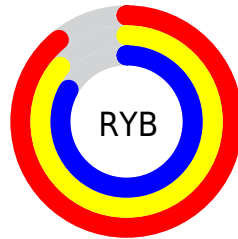
Distribution



Red (89%)

Green (85%)

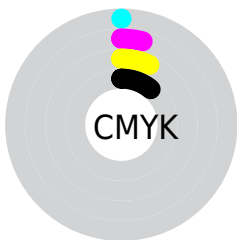
Blue (83%)



Red (89%)

Yellow (86%)

Blue (83%)

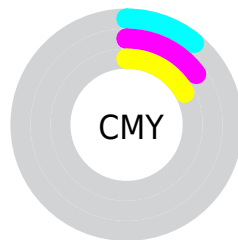


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6778, 69.9836, 71.5692 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 67.6778, 69.9836, 71.5692 by changing the saturation by 10% instead.

67.6778, 69.9836,
71.5692

67.6778, 69.9836,
71.5692

441.7482,
460.4924, 484.9779

49.9084, 51.5132,
52.3222

114.9355,
119.1854, 123.1459

35.5581, 36.6172,
36.8779

145.1546,
150.6855, 156.3126

24.2616, 24.9112,
24.8179

180.2542,
187.2976, 194.9562

15.6536, 16.0109,
15.7237

220.5997,
229.4062, 239.4954

9.3687, 9.5319,
9.1766

266.5565,
277.3955, 290.3486

5.0414, 5.0897,
4.7582

318.4900,

2.3066, 2.3000,

331.6501, 347.9344

2.0498

376.7654,
392.5543, 412.6713

■ 0.7980, 0.7737,
0.5857

■ 0.0000, 0.0000,
0.0000

■ 67.6778, 69.9836,
71.5692

■ 67.6778, 69.9836,
71.5692

■ 61.3586, 61.5645,
56.4533

■ 74.7530, 79.2756,
88.9040

■ 55.7635, 53.9835,
43.4617

■ 82.4090, 89.3780,
107.5160

■ 50.8670, 47.2170,
32.4994

■ 85.1745, 94.9090,
108.4378

■ 46.6397, 41.2366,
23.4624

■ 43.0499, 36.0123,
16.2376

■ 40.0630, 31.5121,
10.6996

■ 37.6410, 27.7013,
6.7071

■ 35.7403, 24.5417,
4.0951

■ 34.3083, 21.9900,
2.6545

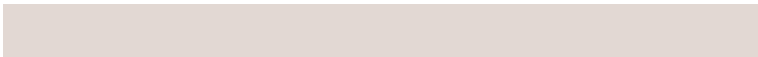
Harmonies

Analogous

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



68.3587, 69.9836, 73.7837



67.6778, 69.9836, 71.5692



66.6912, 69.9836, 70.5966

Triad

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



67.6778, 69.9836, 71.5692



64.5308, 69.9836, 75.7037



67.3738, 69.9836, 81.5464

Complementary

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



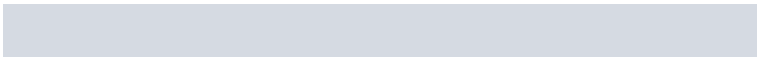
67.6778, 69.9836, 71.5692



66.4479, 71.0518, 82.1647

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.



66.3437, 69.9836, 82.0928



67.6778, 69.9836, 71.5692



64.7093, 69.9836, 78.6689

Square

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



67.6778, 69.9836, 71.5692



64.8800, 69.9836, 72.9434



65.3702, 69.9836, 81.0269



68.1819, 69.9836, 79.5526

Rectangle

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



67.6778, 69.9836, 71.5692



65.9956, 69.9836, 70.7644



65.3702, 69.9836, 81.0269



67.0417, 69.9836, 81.9076

Sweetspot

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



67.6798, 69.9867, 71.5707



93.1650, 97.5265, 104.2745



67.7104, 67.9788, 77.9601



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



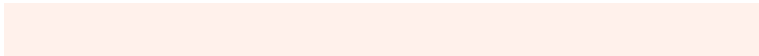
20.3446, 21.4041, 23.3091

Same Dimension

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



67.6798, 69.9867, 71.5707



87.7530, 90.3858, 91.1157



69.6444, 73.9159, 72.2256



14.0789, 14.4439, 14.3527



19.4415, 12.3209, 1.3535



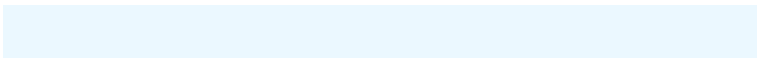
1.4280, 1.0148, 0.1206

Inverse Universe

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



66.4479, 71.0518, 82.1647



85.8063, 92.0688, 107.8563



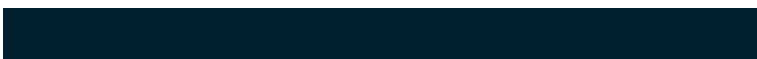
64.5127, 67.1814, 81.5196



13.7113, 14.7617, 17.5143



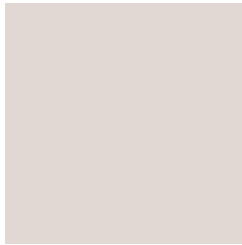
14.2226, 15.9147, 43.3706



1.0671, 1.2657, 3.0333

Previews

White Background



This preview shows how the XYZ color 67.6778, 69.9836, 71.5692 looks on a white background.

Color Contrast Check

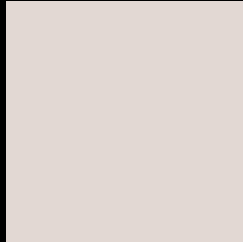
Large Text (above 18pt) WCAG AA × Fail

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 67.6778, 69.9836, 71.5692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

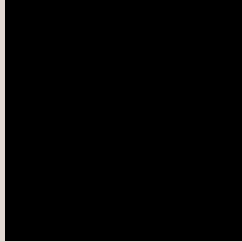
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

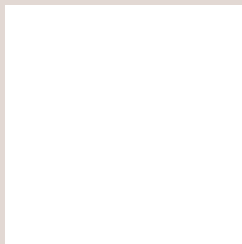
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6778, 69.9836, 71.5692

Background



This preview shows how black text looks on a background with the XYZ color 67.6778, 69.9836, 71.5692.

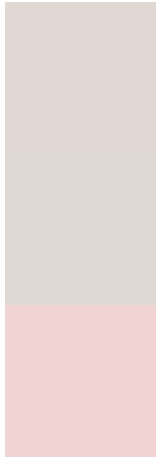


This preview shows how white text looks on a background with the XYZ color 67.6778, 69.9836,

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

67.6778, 69.9836, 71.5692

Protanopia

67.0022, 70.0168, 71.6112

Deuteranopia

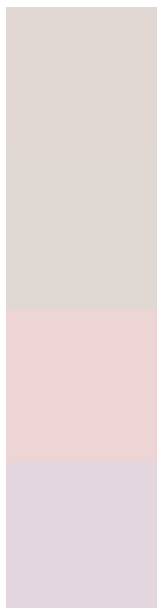
71.4536, 70.0428, 72.0410



Tritanopia

70.3903, 69.9597, 84.6565

Trichromacy



Original Color

67.6778, 69.9836, 71.5692

Protanomaly

67.3112, 70.1762, 71.6257

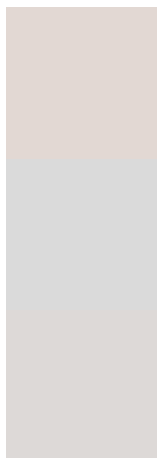
Deuteranomaly

70.2700, 70.1748, 72.1288

Tritanomaly

69.3608, 69.9148, 79.6512

Monochromacy



Original Color

67.6778, 69.9836, 71.5692

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8974, 69.9042, 74.2570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6778, 69.9836, 71.5692 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(226, 216, 211) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 211)  
}
```

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(226, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.6778, 69.9836, 71.5692 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(226, 216, 211) }
```


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

```
.border{ border-color:rgb(226, 216, 211) }
```

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

Here you see how a box with a 4 pixel rgb(226, 216, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6778, 69.9836, 71.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 211) }
```

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

```
.background{ background-color: rgb(226,  
216, 211) }
```

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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