

Converting Colors

XYZ(67.0763, 69.3872, 71.5459)

Have a look what the booklet for
XYZ(67.0763, 69.3872, 71.5459)
contains.

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Color

**XYZ(67.1096, 69.3116,
71.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D7D3
RGB	225, 215, 211
RGB Percent	88%, 84%, 83%
CMY	0.1176, 0.1568, 0.1725
CMYK	0.00, 0.04, 0.06, 0.12
HSL	17°, 19%, 85%
HSV	17°, 6%, 88%
XYZ	67.1096, 69.3116, 71.4694
YIQ	217.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

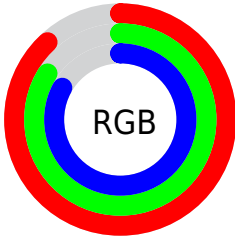
Format	Color
R _Y B	225, 217, 211
Decimal	14800851
CIE Lab	86.66, 2.74, 3.18
CIE LCh	87, 4.200, 49.289
Yxy	69.3116, 0.3228, 0.3334
Android (android.graphics.Color)	4292990931 (0xFFE1D7D3)
YUV	217.5340, -3.2213, 6.5477
Hunter-Lab	83.2536, -1.8073, 7.3798

Details

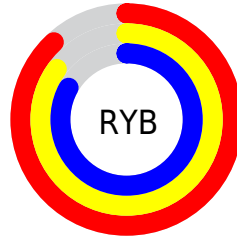
The XYZ color **67.1096, 69.3116, 71.4694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3108, 70.9967, 81.4436**, and the grayscale version is **66.3394, 69.7942, 76.0059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2342, 36.1220, 37.0135** is the 20% darker color. If you saturate the color by 10%, you get **60.5927, 60.4798, 56.3410**, and if you desaturate by 10%, it is **74.4270, 79.1108, 88.8142**.

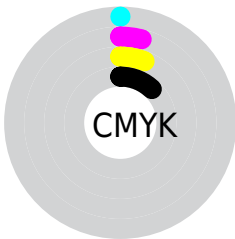
Distribution



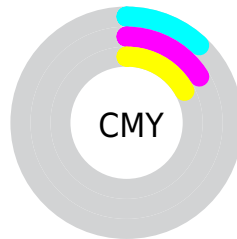
- Red (88%)
- Green (84%)
- Blue (83%)



- Red (88%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1096, 69.3116, 71.4694 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 67.1096, 69.3116, 71.4694 by changing the saturation by 10% instead.

67.1096, 69.3116,
71.4694

67.1096, 69.3116,
71.4694

439.7611,
458.1292, 484.6205

49.4447, 50.9655,
52.2412

114.1264,
118.2265, 123.0025

35.1884, 36.1812,
36.8138

144.2090,
149.5642, 156.1445

23.9752, 24.5741,
24.7687

179.1615,
186.0011, 194.7615

15.4399, 15.7601,
15.6873

219.3494,
227.9217, 239.2721

9.2170, 9.3545,
9.1512

265.1380,
275.7105, 290.0947

4.9412, 4.9731,
4.7418

316.8925,

2.2472, 2.2315,

329.7517, 347.6479

2.0405

374.9785,
390.4298, 412.3504

■ 0.7675, 0.7371,
0.5800

■ 0.0000, 0.0000,
0.0000

■ 67.1096, 69.3116,
71.4694

■ 67.1096, 69.3116,
71.4694

■ 60.5927, 60.4798,
56.3410

■ 74.4270, 79.1108,
88.8142

■ 54.8426, 52.5768,
43.3348

■ 82.4037, 89.8318,
107.6039

■ 49.8318, 45.5744,
32.3564

■ 84.8616, 94.7477,
108.4232

■ 45.5288, 39.4399,
23.3026

■ 41.8996, 34.1383,
16.0607

■ 38.9075, 29.6322,
10.5066

■ 36.5117, 25.8811,
6.5000

■ 34.6658, 22.8404,
3.8779

■ 33.3149, 20.4597,
2.4373

Harmonies

Analogous

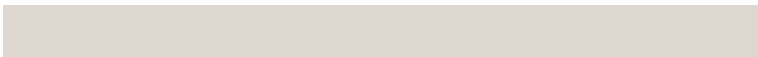
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.6649, 69.3116, 73.7079



67.1096, 69.3116, 71.4694



66.2278, 69.3116, 70.3124

Triad

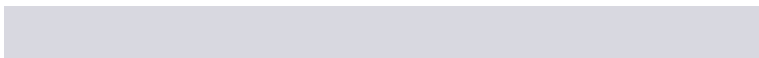
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1096, 69.3116, 71.4694



64.0527, 69.3116, 74.4746



66.5002, 69.3116, 80.6533

Complementary

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



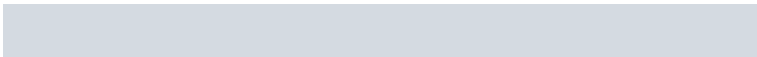
67.1096, 69.3116, 71.4694



66.3108, 70.9967, 81.4436

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.



65.5306, 69.3116, 80.8709



67.1096, 69.3116, 71.4694



64.1240, 69.3116, 77.2570

Square

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



67.1096, 69.3116, 71.4694



64.4670, 69.3116, 72.0187



64.6627, 69.3116, 79.6142



67.3107, 69.3116, 79.0268

Rectangle

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



67.1096, 69.3116, 71.4694



65.5763, 69.3116, 70.2903



64.6627, 69.3116, 79.6142



66.1818, 69.3116, 80.8951

Sweetspot

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



67.1115, 69.3146, 71.4709



93.0890, 97.3745, 104.2491



67.4020, 67.8193, 77.9686



19.9454, 20.8697, 22.3623



0.0000, 0.0000, 0.0000



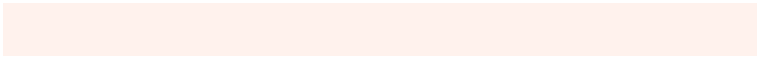
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1115, 69.3146, 71.4709



88.3762, 91.0396, 93.1502



68.9224, 72.9363, 72.0745



14.2996, 14.7068, 14.9760



19.0477, 11.5333, 1.2222



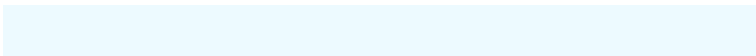
1.3954, 0.9496, 0.1098

Inverse Universe

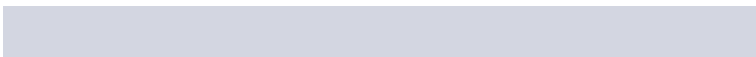
The Inverse Universe completely reimagines the original color for something new.



66.3108, 70.9967, 81.4436



87.1780, 93.5561, 108.0711



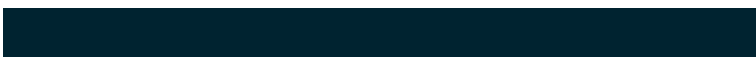
64.5105, 67.3961, 80.8435



14.0914, 15.1439, 17.5681



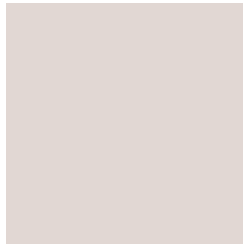
15.2446, 17.9588, 43.7113



1.1320, 1.3954, 3.0549

Previews

White Background



This preview shows how the XYZ color 67.1096, 69.3116, 71.4694 looks on a white background.

Color Contrast Check

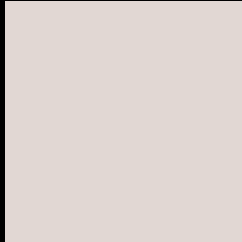
Large Text (above 18pt) WCAG AA × Fail

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 67.1096, 69.3116, 71.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

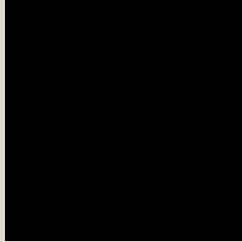
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

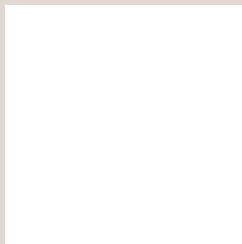
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1096, 69.3116, 71.4694

Background



This preview shows how black text looks on a background with the XYZ color 67.1096, 69.3116, 71.4694.



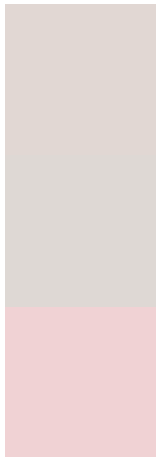
This preview shows how white text looks on a background with the XYZ color 67.1096, 69.3116,

71.4694.

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

67.1096, 69.3116, 71.4694

Protanopia

66.5637, 69.3948, 72.1736

Deuteranopia

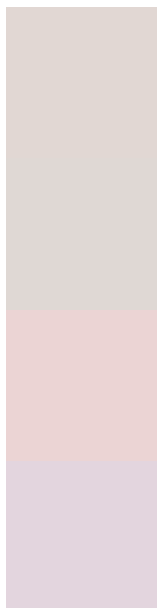
70.8654, 69.3719, 71.9425



Tritanopia

69.6812, 69.2381, 83.8204

Trichromacy



Original Color

67.1096, 69.3116, 71.4694

Protanomaly

66.8710, 69.5532, 72.1880

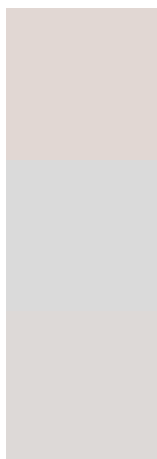
Deuteranomaly

69.6881, 69.5026, 72.0297

Tritanomaly

68.6576, 69.1933, 78.8442

Monochromacy



Original Color

67.1096, 69.3116, 71.4694

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 67.1096, 69.3116, 71.4694 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(225, 215, 211) looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 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(225, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.1096, 69.3116, 71.4694 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(225, 215, 211) }
```


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

```
.border{ border-color:rgb(225, 215, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1096, 69.3116, 71.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 215, 211) }
```

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

```
.background{ background-color: rgb(225,  
215, 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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