

Converting Colors

XYZ(69.0784, 72.0076, 69.4046)

Have a look what the booklet for
XYZ(69.0784, 72.0076, 69.4046)
contains.

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Color

**XYZ(68.9071, 71.8260,
69.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DBC F
RGB	229, 219, 207
RGB Percent	90%, 86%, 81%
CMY	0.1020, 0.1412, 0.1882
CMYK	0.00, 0.04, 0.10, 0.10
HSL	33°, 30%, 85%
HSV	33°, 10%, 90%
XYZ	68.9071, 71.8260, 69.2635
YIQ	220.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

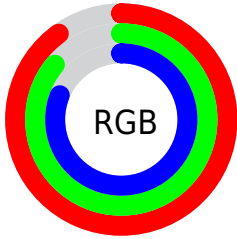
Format	Color
R _Y B	225, 229, 207
Decimal	15064015
CIE Lab	87.88, 1.39, 7.11
CIE LCh	88, 7.240, 78.916
Yxy	71.8260, 0.3281, 0.3420
Android (android.graphics.Color)	4293254095 (0xFFE5DBC F)
YUV	220.6220, -6.7156, 7.3475
Hunter-Lab	84.7502, -3.1815, 10.8694

Details

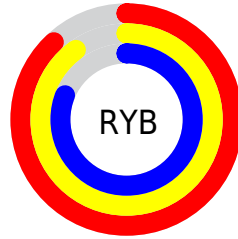
The XYZ color **68.9071, 71.8260, 69.2635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6877, 68.5471, 83.9511**, and the grayscale version is **68.5046, 72.0722, 78.4866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2588, 37.7351, 35.5095** is the 20% darker color. If you saturate the color by 10%, you get **63.6784, 65.5283, 54.6952**, and if you desaturate by 10%, it is **74.7156, 78.6318, 86.0301**.

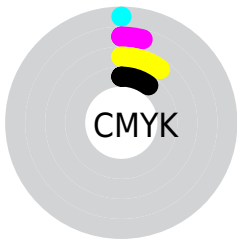
Distribution



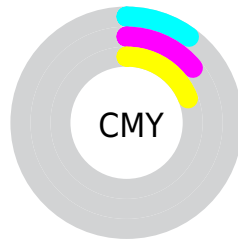
- Red (90%)
- Green (86%)
- Blue (81%)



- Red (88%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9071, 71.8260, 69.2635 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 68.9071, 71.8260, 69.2635 by changing the saturation by 10% instead.

68.9071, 71.8260,
69.2635

68.9071, 71.8260,
69.2635

446.0298,
466.9357, 476.6789

50.9124, 53.0166,
50.4532

116.6837,
121.8091, 119.8291

36.3597, 37.8160,
35.4000

147.1963,
153.7516, 152.4215

24.8835, 25.8399,
23.6851

182.6122,
190.8405, 190.4451

16.1185, 16.7039,
14.8902

223.2969,
233.4603, 234.3183

9.6995, 10.0236,
8.5966

269.6156,
281.9953, 284.4598

5.2609, 5.4146,
4.3858

321.9338,

2.4375, 2.4925,

336.8299, 341.2880

1.8393

380.6167,
398.3486, 405.2215

■ 0.8638, 0.8729,
0.4537

■ 0.0000, 0.0000,
0.0000

■ 68.9071, 71.8260,
69.2635

■ 68.9071, 71.8260,
69.2635

■ 63.6784, 65.5283,
54.6952

■ 74.7156, 78.6318,
86.0301

■ 59.0031, 59.7162,
42.2280

■ 81.1172, 85.9488,
105.0775

■ 54.8613, 54.3791,
31.7640

■ 84.6175, 92.3863,
107.9803

■ 51.2296, 49.5022,
23.1958

■ 86.1235, 95.3982,
108.4822

■ 48.0825, 45.0702,
16.4056

■ 45.3918, 41.0662,
11.2627

■ 43.1259, 37.4717,
7.6176

■ 41.2476, 34.2659,
5.2933

■ 39.6979, 31.4191,
3.9981

Harmonies

Analogous

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



70.4679, 71.8260, 71.2734



68.9071, 71.8260, 69.2635



67.2005, 71.8260, 69.5731

Triad

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



68.9071, 71.8260, 69.2635



65.1834, 71.8260, 81.3213



70.7951, 71.8260, 84.6060

Complementary

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



68.9071, 71.8260, 69.2635



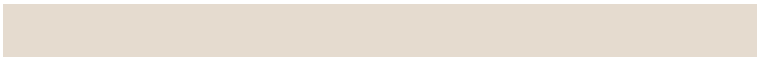
64.6877, 68.5471, 83.9511

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.



69.3476, 71.8260, 87.5256



68.9071, 71.8260, 69.2635



66.1152, 71.8260, 85.5749

Square

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



68.9071, 71.8260, 69.2635



65.0700, 71.8260, 76.3971



67.6338, 71.8260, 87.8875



71.5701, 71.8260, 80.0439

Rectangle

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



68.9071, 71.8260, 69.2635



66.2093, 71.8260, 71.0567



67.6338, 71.8260, 87.8875



70.3699, 71.8260, 85.8201

Sweetspot

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



68.9091, 71.8292, 69.2650



92.7437, 97.3193, 102.1755



67.1860, 66.3083, 75.0863



19.7215, 20.6791, 21.4946



0.0000, 0.0000, 0.0000



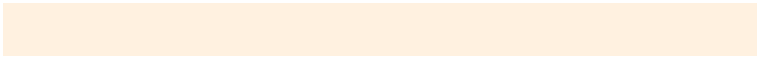
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9091, 71.8292, 69.2650



86.2328, 89.6314, 83.5614



71.3622, 77.0821, 70.1497



15.0254, 15.6648, 15.1361



22.7865, 18.1472, 2.3018



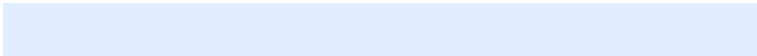
1.7764, 1.5262, 0.2010

Inverse Universe

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



64.6877, 68.5471, 83.9511



79.5775, 84.4572, 106.7154



62.3942, 63.6551, 83.1277



14.1195, 14.9604, 18.2878



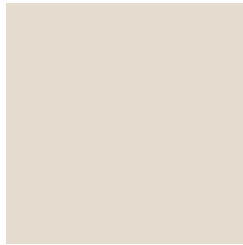
11.0363, 9.1347, 43.5647



0.9074, 0.8587, 3.2499

Previews

White Background



This preview shows how the XYZ color 68.9071, 71.8260, 69.2635 looks on a white background.

Color Contrast Check

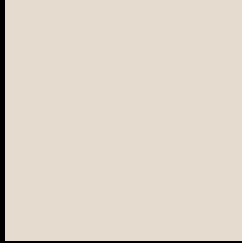
Large Text (above 18pt) WCAG AA × Fail

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 68.9071, 71.8260, 69.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

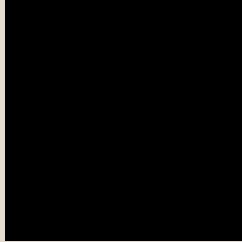
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

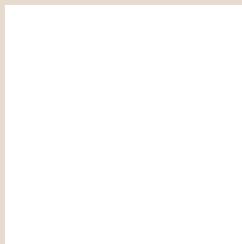
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9071, 71.8260, 69.2635

Background



This preview shows how black text looks on a background with the XYZ color 68.9071, 71.8260, 69.2635.

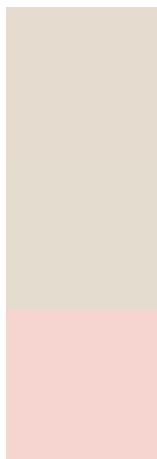


This preview shows how white text looks on a background with the XYZ color 68.9071, 71.8260,

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

68.9071, 71.8260, 69.2635

Protanopia

68.5342, 72.0223, 69.3210

Deuteranopia

73.1855, 71.7354, 69.6635



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

68.9071, 71.8260, 69.2635

Protanomaly

68.8506, 72.1854, 69.3358

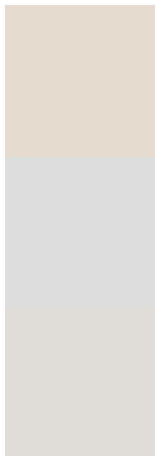
Deuteranomaly

71.6208, 71.6802, 69.7354

Tritanomaly

71.1539, 71.5953, 79.8811

Monochromacy



Original Color

68.9071, 71.8260, 69.2635

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7283, 71.9916, 75.2391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9071, 71.8260, 69.2635 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(229, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 219, 207)  
}
```

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(229, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 207) }
```

Border

The CSS property to change the border of an element to XYZ 68.9071, 71.8260, 69.2635 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(229, 219, 207) }
```


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

```
.border{ border-color:rgb(229, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 219, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 219, 207); box-shadow:4px 4px 4px 4px rgb(229, 219, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9071, 71.8260, 69.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 207) }
```

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

```
.background{ background-color: rgb(229,  
219, 207) }
```

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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