

Converting Colors

XYZ(68.0555, 71.4414, 69.0754)

Have a look what the booklet for
XYZ(68.0555, 71.4414, 69.0754)
contains.

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Color

**XYZ(67.9580, 71.3368,
69.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBC F
RGB	226, 219, 207
RGB Percent	89%, 86%, 81%
CMY	0.1137, 0.1412, 0.1882
CMYK	0.00, 0.03, 0.08, 0.11
HSL	38°, 25%, 85%
HSV	38°, 8%, 89%
XYZ	67.9580, 71.3368, 69.2191
YIQ	219.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

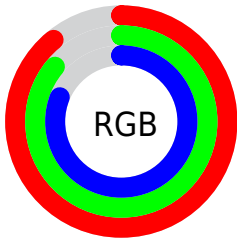
Format	Color
R _Y B	218, 226, 207
Decimal	14867407
CIE Lab	87.65, 0.34, 6.73
CIE LCh	88, 6.743, 87.117
Yxy	71.3368, 0.3259, 0.3421
Android (android.graphics.Color)	4293057487 (0xFFE2DBCf)
YUV	219.7250, -6.2734, 5.5032
Hunter-Lab	84.4611, -4.1846, 10.5324

Details

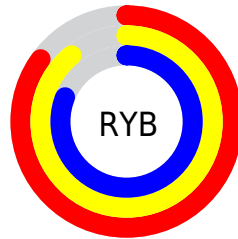
The XYZ color **67.9580, 71.3368, 69.2191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5060, 66.8482, 81.5080**, and the grayscale version is **67.8759, 71.4107, 77.7663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8198, 37.5088, 35.4890** is the 20% darker color. If you saturate the color by 10%, you get **63.2742, 66.0784, 54.9879**, and if you desaturate by 10%, it is **73.1499, 76.9768, 85.5726**.

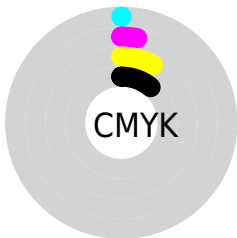
Distribution



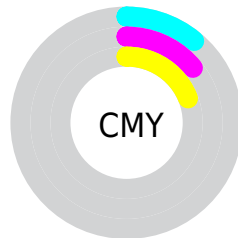
- Red (89%)
- Green (86%)
- Blue (81%)



- Red (85%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9580, 71.3368, 69.2191 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 67.9580, 71.3368, 69.2191 by changing the saturation by 10% instead.

■ 67.9580, 71.3368,
69.2191

■ 67.9580, 71.3368,
69.2191

442.7263,
465.2299, 476.5182

■ 50.1371, 52.6171,
50.4173

115.3343,
121.1132, 119.7651

■ 35.7406, 37.4972,
35.3716

145.6204,
152.9386, 152.3464

■ 24.4031, 25.5927,
23.6634

180.7923,
189.9014, 190.3579

■ 15.7593, 16.5192,
14.8742

221.2154,
232.3860, 234.2183

■ 9.4437, 9.8923,
8.5855

267.2550,
280.7768, 284.3459

■ 5.0911, 5.3276,
4.3787

319.2764,

■ 2.3361, 2.4407,

335.4581, 341.1594

1.8353

377.6450,
396.8143, 405.0773

■ 0.8131, 0.8467,
0.4511

■ 0.0000, 0.0000,
0.0000

■ 67.9580, 71.3368,
69.2191

■ 67.9580, 71.3368,
69.2191

■ 63.2742, 66.0784,
54.9879

■ 73.1499, 76.9768,
85.5726

■ 59.0742, 61.1823,
42.7858

■ 78.8611, 82.9982,
104.1271

■ 55.3405, 56.6413,
32.5194

■ 81.7556, 88.0715,
107.2983

■ 52.0520, 52.4444,
24.0863

■ 84.3158, 93.1919,
108.1517

■ 49.1860, 48.5797,
17.3744

■ 85.1743, 94.9089,
108.4378

■ 46.7173, 45.0344,
12.2592

■ 44.6171, 41.7942,
8.5993

■ 42.8523, 38.8430,
6.2280

■ 41.3749, 36.1584,
4.9020

Harmonies

Analogous

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



69.4840, 71.3368, 70.5214



67.9580, 71.3368, 69.2191



66.4137, 71.3368, 70.1076

Triad

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



67.9580, 71.3368, 69.2191



65.1074, 71.3368, 81.7507



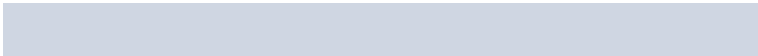
70.4145, 71.3368, 82.5457

Complementary

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



67.9580, 71.3368, 69.2191



63.5060, 66.8482, 81.5080

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.



69.2125, 71.3368, 85.7653



67.9580, 71.3368, 69.2191



66.1503, 71.3368, 85.2938

Square

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



67.9580, 71.3368, 69.2191



64.7833, 71.3368, 77.2323



67.6492, 71.3368, 86.7900



70.9161, 71.3368, 78.1167

Rectangle

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



67.9580, 71.3368, 69.2191



65.5787, 71.3368, 71.8427



67.6492, 71.3368, 86.7900



70.0780, 71.3368, 83.8118

Sweetspot

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



67.9600, 71.3399, 69.2206



92.9506, 97.7331, 102.2445



65.8515, 65.6649, 73.0130



19.7774, 20.7909, 21.5132



0.0000, 0.0000, 0.0000



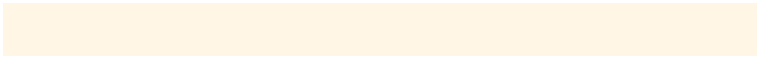
20.3446, 21.4041, 23.3091

Same Dimension

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



67.9600, 71.3399, 69.2206



88.2904, 92.6204, 87.7194



69.1329, 74.7111, 69.8095



14.4254, 15.1367, 14.4682



23.5959, 20.6297, 2.7383



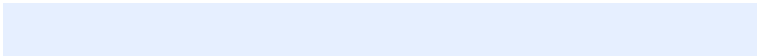
1.7202, 1.5992, 0.2180

Inverse Universe

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



63.5060, 66.8482, 81.5080



81.3568, 85.6283, 106.8477



62.3971, 63.7046, 80.9597



13.3633, 14.0657, 17.3983



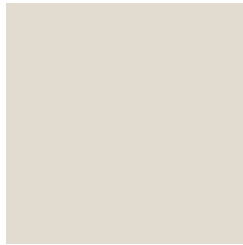
9.7094, 6.8883, 41.8662



0.7565, 0.6445, 2.9298

Previews

White Background



This preview shows how the XYZ color 67.9580, 71.3368, 69.2191 looks on a white background.

Color Contrast Check

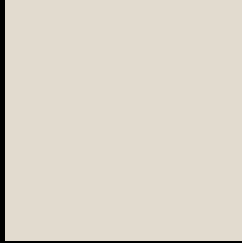
Large Text (above 18pt) WCAG AA × Fail

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 67.9580, 71.3368, 69.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

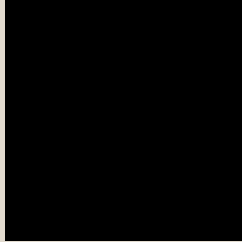
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9580, 71.3368, 69.2191

Background



This preview shows how black text looks on a background with the XYZ color 67.9580, 71.3368, 69.2191.

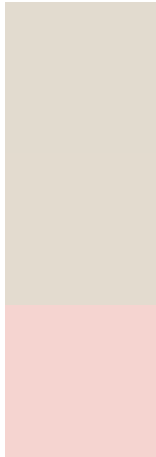


This preview shows how white text looks on a background with the XYZ color 67.9580, 71.3368,

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

67.9580, 71.3368, 69.2191

Protanopia

68.2726, 71.4989, 69.2338

Deuteranopia

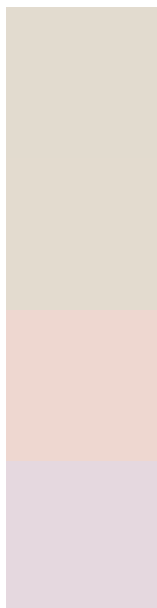
72.5848, 71.0535, 69.5636



Tritanopia

71.4991, 71.2501, 86.3282

Trichromacy



Original Color

67.9580, 71.3368, 69.2191

Protanomaly

68.2726, 71.4989, 69.2338

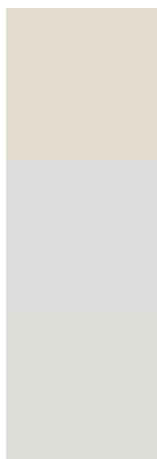
Deuteranomaly

70.9455, 71.3321, 69.7037

Tritanomaly

70.1882, 71.0975, 79.8359

Monochromacy



Original Color

67.9580, 71.3368, 69.2191

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9831, 71.6223, 74.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9580, 71.3368, 69.2191 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, 219, 207) looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 207) }
```

Border

The CSS property to change the border of an element to XYZ 67.9580, 71.3368, 69.2191 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, 219, 207) }
```


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

```
.border{ border-color:rgb(226, 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(226, 219, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9580, 71.3368, 69.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 207) }
```

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

```
.background{ background-color: rgb(226,  
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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