

Converting Colors

XYZ(67.4426, 70.9823, 67.0739)

Have a look what the booklet for
XYZ(67.4426, 70.9823, 67.0739)
contains.

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Color

**XYZ(67.5946, 71.1914,
67.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBCC
RGB	226, 219, 204
RGB Percent	89%, 86%, 80%
CMY	0.1137, 0.1412, 0.2000
CMYK	0.00, 0.03, 0.10, 0.11
HSL	41°, 28%, 84%
HSV	41°, 10%, 89%
XYZ	67.5946, 71.1914, 67.3054
YIQ	219.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

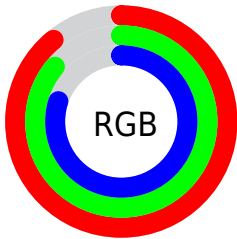
Format	Color
R _Y B	214, 226, 204
Decimal	14867404
CIE Lab	87.58, -0.16, 8.21
CIE LCh	88, 8.214, 91.085
Yxy	71.1914, 0.3280, 0.3454
Android (android.graphics.Color)	4293057484 (0xFFE2DBCC)
YUV	219.3830, -7.5838, 5.8031
Hunter-Lab	84.3750, -4.6561, 11.7672

Details

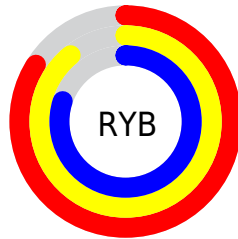
The XYZ color **67.5946, 71.1914, 67.3054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9234, 64.9157, 81.2185**, and the grayscale version is **67.6462, 71.1690, 77.5031**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5751, 37.4109, 34.2002** is the 20% darker color. If you saturate the color by 10%, you get **63.2444, 66.5181, 53.4383**, and if you desaturate by 10%, it is **72.4231, 76.1902, 83.2742**.

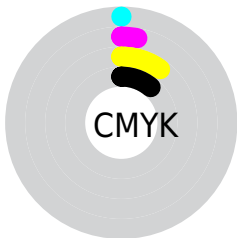
Distribution



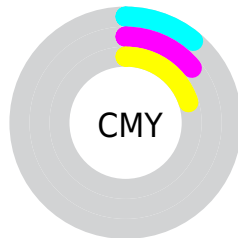
- Red (89%)
- Green (86%)
- Blue (80%)



- Red (84%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5946, 71.1914, 67.3054 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 67.5946, 71.1914, 67.3054 by changing the saturation by 10% instead.

67.5946, 71.1914,
67.3054

67.5946, 71.1914,
67.3054

441.4576,
464.7222, 469.5621

49.8405, 52.4984,
48.8697

114.8171,
120.9062, 117.0027

35.5039, 37.4025,
34.1513

145.0162,
152.6968, 149.1014

24.2196, 25.5193,
22.7315

180.0943,
189.6221, 186.5915

15.6223, 16.4644,
14.1920

220.4168,
232.0664, 229.8916

9.3464, 9.8533,
8.1140

266.3490,
280.4142, 279.4201

5.0267, 5.3018,
4.0792

318.2563,

2.2979, 2.4254,

335.0499, 335.5957

1.6689

376.5040,
396.3577, 398.8369

■ 0.7936, 0.8389,
0.3393

■ 0.0000, 0.0000,
0.0000

■ 67.5946, 71.1914,
67.3054

■ 67.5946, 71.1914,
67.3054

■ 63.2444, 66.5181,
53.4383

■ 72.4231, 76.1902,
83.2742

■ 59.3486, 62.1523,
41.5792

■ 77.7409, 81.5134,
101.4239

■ 55.8903, 58.0876,
31.6339

■ 80.7410, 86.0422,
106.9600

■ 52.8487, 54.3142,
23.4991

■ 82.9053, 90.3709,
107.6815

■ 50.2013, 50.8214,
17.0614

■ 85.1545, 94.8692,
108.4312

■ 47.9231, 47.5974,
12.1946

■ 85.1743, 94.9089,
108.4378

■ 45.9858, 44.6291,
8.7548

■ 44.3559, 41.9013,
6.5712

■ 42.9773, 39.3896,
5.3551

Harmonies

Analogous

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



69.4872, 71.1914, 68.5245



67.5946, 71.1914, 67.3054



65.7553, 71.1914, 68.7112

Triad

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



67.5946, 71.1914, 67.3054



64.5170, 71.1914, 83.1700



70.9874, 71.1914, 82.8029

Complementary

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



67.5946, 71.1914, 67.3054



61.9234, 64.9157, 81.2185

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.



69.6120, 71.1914, 87.0411



67.5946, 71.1914, 67.3054



65.8755, 71.1914, 87.2601

Square

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



67.5946, 71.1914, 67.3054



63.9995, 71.1914, 77.7180



67.7360, 71.1914, 88.7089



71.4685, 71.1914, 77.3130

Rectangle

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



67.5946, 71.1914, 67.3054



64.8007, 71.1914, 70.9886



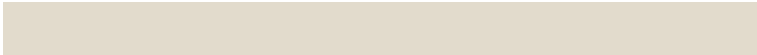
67.7360, 71.1914, 88.7089



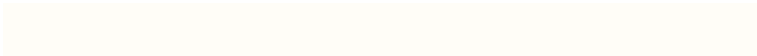
70.6130, 71.1914, 84.4303

Sweetspot

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



67.5966, 71.1945, 67.3069



93.0714, 97.9748, 102.2848



64.7575, 64.0753, 70.8029



19.8101, 20.8562, 21.5241



0.0000, 0.0000, 0.0000



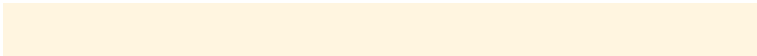
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5966, 71.1945, 67.3069



87.4829, 92.1317, 83.9781



68.3226, 74.3354, 67.8749



14.4850, 15.2560, 14.4880



24.6098, 22.6574, 3.0762



1.7853, 1.7295, 0.2397

Inverse Universe

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



61.9234, 64.9157, 81.2185



78.3745, 82.0511, 106.3144



61.2400, 62.0394, 80.6993



13.3060, 13.9511, 17.3792



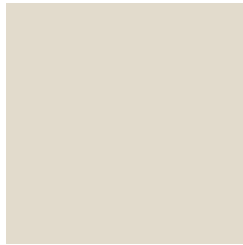
9.2432, 5.9560, 41.7108



0.7195, 0.5704, 2.9174

Previews

White Background



This preview shows how the XYZ color 67.5946, 71.1914, 67.3054 looks on a white background.

Color Contrast Check

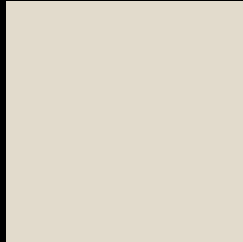
Large Text (above 18pt) WCAG AA × Fail

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 67.5946, 71.1914, 67.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

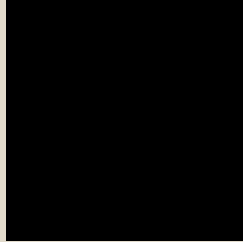
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

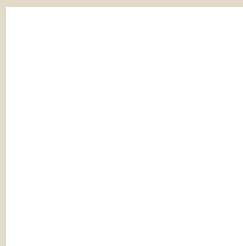
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5946, 71.1914, 67.3054

Background



This preview shows how black text looks on a background with the XYZ color 67.5946, 71.1914, 67.3054.



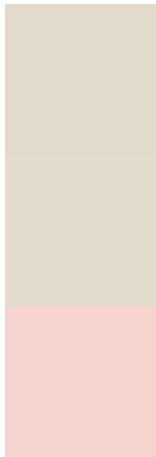
This preview shows how white text looks on a background with the XYZ color 67.5946, 71.1914,

67.3054.

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

67.5946, 71.1914, 67.3054

Protanopia

67.9092, 71.3536, 67.3202

Deuteranopia

72.5690, 71.0876, 67.6541



Tritanopia

71.4991, 71.2501, 86.3282

Trichromacy



Original Color

67.5946, 71.1914, 67.3054

Protanomaly

67.9092, 71.3536, 67.3202

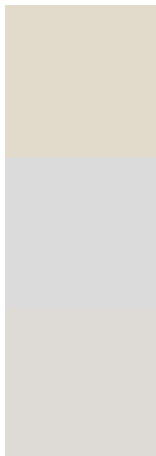
Deuteranomaly

70.9165, 71.3594, 67.7936

Tritanomaly

70.0538, 71.0437, 79.1278

Monochromacy



Original Color

67.5946, 71.1914, 67.3054

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.5933, 71.0477, 73.7694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5946, 71.1914, 67.3054 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.5946, 71.1914, 67.3054 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, 204) }
```


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

```
.border{ border-color:rgb(226, 219, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5946, 71.1914, 67.3054 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, 204) }
```

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

```
.background{ background-color: rgb(226,  
219, 204) }
```

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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