

Converting Colors

XYZ(67.3589, 70.8505, 65.7549)

Have a look what the booklet for
XYZ(67.3589, 70.8505, 65.7549)
contains.

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Color

**XYZ(67.4106, 70.7380,
65.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DACA
RGB	227, 218, 202
RGB Percent	89%, 85%, 79%
CMY	0.1098, 0.1451, 0.2078
CMYK	0.00, 0.04, 0.11, 0.11
HSL	38°, 31%, 84%
HSV	38°, 11%, 89%
XYZ	67.4106, 70.7380, 65.9780
YIQ	218.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

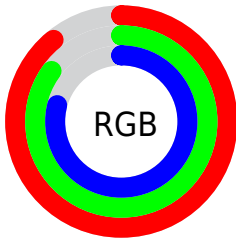
Format	Color
RYB	216, 227, 202
Decimal	14932682
CIELab	87.36, 0.39, 8.96
CIELCh	87, 8.969, 87.514
Yxy	70.7380, 0.3302, 0.3465
Android (android.graphics.Color)	4293122762 (0xFFE3DACA)
YUV	218.8670, -8.3154, 7.1326
Hunter-Lab	84.1059, -4.1181, 12.3633

Details

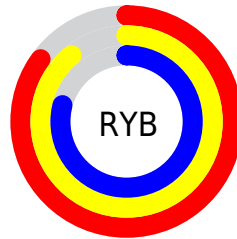
The XYZ color **67.4106, 70.7380, 65.9780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5163, 64.6898, 81.9177**, and the grayscale version is **67.2921, 70.7965, 77.0974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4557, 37.1032, 33.3099** is the 20% darker color. If you saturate the color by 10%, you get **62.8526, 65.6110, 52.1594**, and if you desaturate by 10%, it is **72.4723, 76.2381, 81.9167**.

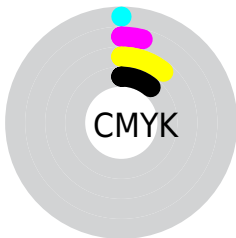
Distribution



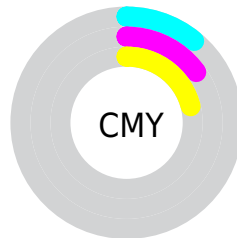
- Red (89%)
- Green (85%)
- Blue (79%)



- Red (85%)
- Yellow (89%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4106, 70.7380, 65.9780 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 67.4106, 70.7380, 65.9780 by changing the saturation by 10% instead.

67.4106, 70.7380,
65.9780

67.4106, 70.7380,
65.9780

440.8144,
463.1370, 464.7003

49.6903, 52.1284,
47.7982

114.5551,
120.2606, 115.0815

35.3842, 37.1074,
33.3082

144.7100,
151.9424, 146.8422

24.1269, 25.2907,
22.0896

179.7406,
188.7504, 183.9669

15.5530, 16.2938,
13.7238

220.0120,
231.0690, 226.8743

9.2972, 9.7323,
7.7923

265.8898,
279.2825, 275.9827

4.9942, 5.2218,
3.8765

317.7392,

2.2786, 2.3780,

333.7754, 331.7109

1.5578

375.9256,
394.9322, 394.4772

■ 0.7837, 0.8145,
0.2605

■ 0.0000, 0.0000,
0.0000

■ 67.4106, 70.7380,
65.9780

■ 67.4106, 70.7380,
65.9780

■ 62.8526, 65.6110,
52.1594

■ 72.4723, 76.2381,
81.9167

■ 58.7738, 60.8381,
40.3654

■ 78.0495, 82.1115,
100.0566

■ 55.1561, 56.4118,
30.4997

■ 81.6327, 87.3589,
107.1672

■ 51.9781, 52.3211,
22.4566

■ 84.1252, 92.3438,
107.9980

■ 49.2161, 48.5540,
16.1196

■ 85.4888, 95.0710,
108.4525

■ 46.8440, 45.0974,
11.3593

■ 44.8320, 41.9367,
8.0269

■ 43.1448, 39.0552,
5.9451

■ 41.8535, 36.6804,
4.8741

Harmonies

Analogous

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



69.4389, 70.7380, 67.6229



67.4106, 70.7380, 65.9780



65.3759, 70.7380, 67.1615

Triad

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



67.4106, 70.7380, 65.9780



63.6970, 70.7380, 82.5198



70.7180, 70.7380, 83.4378

Complementary

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



67.4106, 70.7380, 65.9780



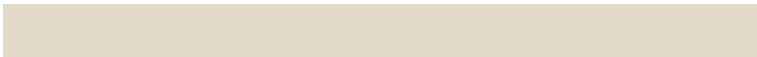
61.5163, 64.6898, 81.9177

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.



69.1277, 70.7380, 87.8025



67.4106, 70.7380, 65.9780



65.0770, 70.7380, 87.2533

Square

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



67.4106, 70.7380, 65.9780



63.2587, 70.7380, 76.5184



67.0584, 70.7380, 89.2336



71.3732, 70.7380, 77.5271

Rectangle

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



67.4106, 70.7380, 65.9780



64.2842, 70.7380, 69.4313



67.0584, 70.7380, 89.2336



70.2734, 70.7380, 85.1459

Sweetspot

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



67.4125, 70.7411, 65.9795



92.9707, 97.7733, 102.2512



64.5787, 63.2844, 70.5499



19.7828, 20.8018, 21.5150



0.0000, 0.0000, 0.0000



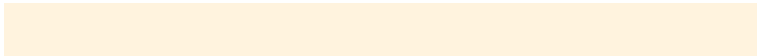
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4125, 70.7411, 65.9795



86.4769, 90.6702, 81.9452



68.7677, 74.9972, 66.7296



15.1426, 15.8991, 15.1752



24.5232, 21.6205, 2.8807



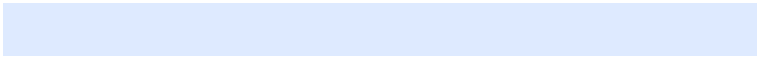
1.8994, 1.7722, 0.2420

Inverse Universe

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



61.5163, 64.6898, 81.9177



77.4879, 81.4452, 106.2442



60.2555, 60.8147, 81.2362



14.0052, 14.7317, 18.2497



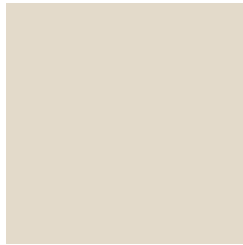
9.9324, 6.9270, 43.1967



0.8196, 0.6831, 3.2206

Previews

White Background



This preview shows how the XYZ color 67.4106, 70.7380, 65.9780 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 67.4106, 70.7380, 65.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

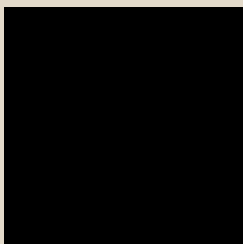
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

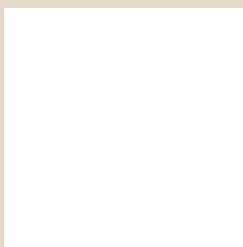
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4106, 70.7380, 65.9780

Background



This preview shows how black text looks on a background with the XYZ color 67.4106, 70.7380, 65.9780.



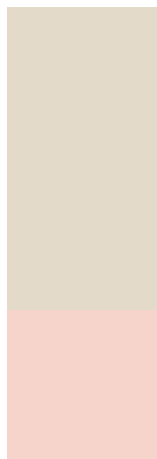
This preview shows how white text looks on a background with the XYZ color 67.4106, 70.7380,

65.9780.

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

67.4106, 70.7380, 65.9780

Protanopia

67.4106, 70.7380, 65.9780

Deuteranopia

72.0798, 70.4932, 66.3074



Tritanopia

71.4254, 70.8516, 85.5125

Trichromacy



Original Color

67.4106, 70.7380, 65.9780

Protanomaly

67.4106, 70.7380, 65.9780

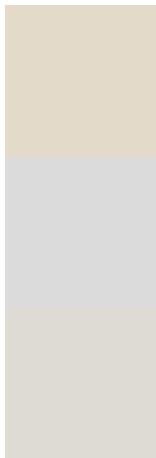
Deuteranomaly

70.4227, 70.7557, 66.4454

Tritanomaly

69.8518, 70.5912, 77.6540

Monochromacy



Original Color

67.4106, 70.7380, 65.9780

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.4660, 70.9967, 73.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4106, 70.7380, 65.9780 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(227, 218, 202) looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 202)  
}
```

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(227, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 202) }
```

Border

The CSS property to change the border of an element to XYZ 67.4106, 70.7380, 65.9780 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(227, 218, 202) }
```


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

```
.border{ border-color:rgb(227, 218, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 202);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4106, 70.7380, 65.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 202) }
```

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

```
.background{ background-color: rgb(227,  
218, 202) }
```

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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