

Converting Colors

XYZ(67.0661, 70.4953, 65.5934)

Have a look what the booklet for
XYZ(67.0661, 70.4953, 65.5934)
contains.

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Color

**XYZ(66.9780, 70.5286,
65.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DAC9
RGB	226, 218, 201
RGB Percent	89%, 85%, 79%
CMY	0.1137, 0.1451, 0.2118
CMYK	0.00, 0.04, 0.11, 0.11
HSL	41°, 30%, 84%
HSV	41°, 11%, 89%
XYZ	66.9780, 70.5286, 65.3416
YIQ	218.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

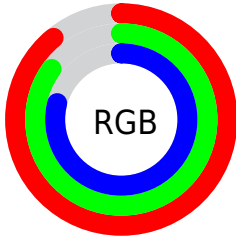
Format	Color
R _Y B	213, 226, 201
Decimal	14867145
CIE Lab	87.26, -0.13, 9.33
CIE LCh	87, 9.331, 90.779
Yxy	70.5286, 0.3302, 0.3477
Android (android.graphics.Color)	4293057225 (0xFFE2DAC9)
YUV	218.4540, -8.6048, 6.6178
Hunter-Lab	83.9813, -4.6074, 12.6564

Details

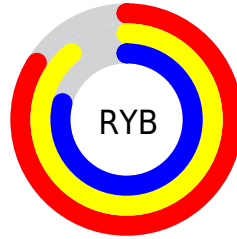
The XYZ color **66.9780, 70.5286, 65.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6151, 63.5081, 81.0156**, and the grayscale version is **67.0082, 70.4979, 76.7722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1582, 36.9589, 32.8845** is the 20% darker color. If you saturate the color by 10%, you get **62.6796, 65.8775, 51.7432**, and if you desaturate by 10%, it is **71.7532, 75.5059, 81.0304**.

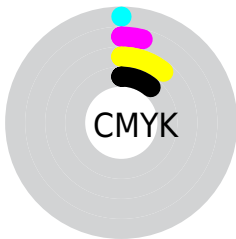
Distribution



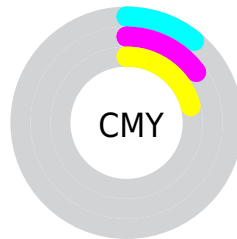
- Red (89%)
- Green (85%)
- Blue (79%)



- Red (84%)
- 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 66.9780, 70.5286, 65.3416 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 66.9780, 70.5286, 65.3416 by changing the saturation by 10% instead.

66.9780, 70.5286,
65.3416

66.9780, 70.5286,
65.3416

439.3002,
462.4038, 462.3583

49.3374, 51.9576,
47.2850

113.9389,
119.9623, 114.1588

35.1028, 36.9713,
32.9051

143.9898,
151.5937, 145.7565

23.9090, 25.1852,
21.7832

178.9082,
188.3474, 182.7050

15.3905, 16.2151,
13.5009

219.0595,
230.6078, 225.4228

9.1820, 9.6765,
7.6396

264.8090,
278.7592, 274.3285

4.9181, 5.1850,
3.7808

316.5220,

2.2336, 2.3562,

333.1861, 329.8407

1.5059

374.5640,
394.2729, 392.3777

■ 0.7603, 0.8032,
0.2223

■ 0.0000, 0.0000,
0.0000

■ 66.9780, 70.5286,
65.3416

■ 66.9780, 70.5286,
65.3416

■ 62.6796, 65.8775,
51.7432

■ 71.7532, 75.5059,
81.0304

■ 58.8342, 61.5345,
40.1409

■ 77.0165, 80.8084,
98.8896

■ 55.4244, 57.4931,
30.4394

■ 80.4830, 85.5263,
106.8741

■ 52.4294, 53.7434,
22.5343

■ 82.6497, 89.8598,
107.5963

■ 49.8263, 50.2745,
16.3106

■ 84.9022, 94.3647,
108.3471

■ 47.5897, 47.0745,
11.6402

■ 85.1743, 94.9089,
108.4378

■ 45.6907, 44.1298,
8.3762

■ 44.0948, 41.4250,
6.3430

■ 42.8740, 39.1883,
5.3044

Harmonies

Analogous

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



69.1147, 70.5286, 66.7301



66.9780, 70.5286, 65.3416



64.9008, 70.5286, 66.8797

Triad

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



66.9780, 70.5286, 65.3416



63.4778, 70.5286, 83.1400



70.7827, 70.5286, 82.8404

Complementary

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



66.9780, 70.5286, 65.3416



60.6151, 63.5081, 81.0156

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.



69.2161, 70.5286, 87.6419



66.9780, 70.5286, 65.3416



64.9981, 70.5286, 87.8213

Square

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



66.9780, 70.5286, 65.3416



62.9073, 70.5286, 76.9580



67.0927, 70.5286, 89.5112



71.3401, 70.5286, 76.6296

Rectangle

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



66.9780, 70.5286, 65.3416



63.8217, 70.5286, 69.4088



67.0927, 70.5286, 89.5112



70.3550, 70.5286, 84.6846

Sweetspot

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



66.9799, 70.5317, 65.3431



93.0670, 97.9659, 102.2833



63.8014, 62.5630, 69.2522



19.8089, 20.8538, 21.5237



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.



66.9799, 70.5317, 65.3431



86.8753, 91.4671, 82.0780



67.8128, 74.1137, 65.9906



14.4829, 15.2517, 14.4873



24.5710, 22.5799, 3.0633



1.7829, 1.7246, 0.2389

Inverse Universe

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



60.6151, 63.5081, 81.0156



77.1123, 80.6939, 106.1190



59.8379, 60.2681, 80.4312



13.3081, 13.9553, 17.3799



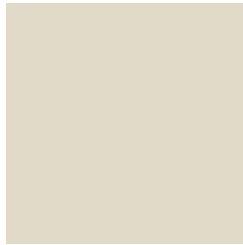
9.2589, 5.9874, 41.7160



0.7207, 0.5729, 2.9178

Previews

White Background



This preview shows how the XYZ color 66.9780, 70.5286, 65.3416 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 66.9780, 70.5286, 65.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

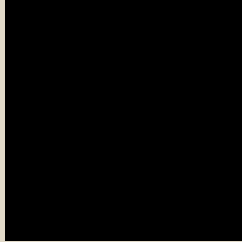
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

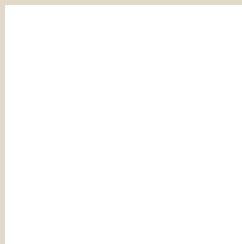
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9780, 70.5286, 65.3416

Background



This preview shows how black text looks on a background with the XYZ color 66.9780, 70.5286, 65.3416.

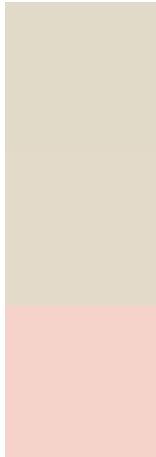


This preview shows how white text looks on a background with the XYZ color 66.9780, 70.5286,

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

66.9780, 70.5286, 65.3416

Protanopia

67.2926, 70.6907, 65.3563

Deuteranopia

71.9610, 70.4456, 65.6817



Tritanopia

70.9626, 70.6293, 84.7556

Trichromacy



Original Color

66.9780, 70.5286, 65.3416

Protanomaly

67.2926, 70.6907, 65.3563

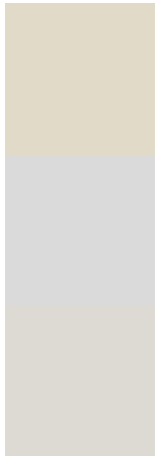
Deuteranomaly

70.3038, 70.7081, 65.8197

Tritanomaly

69.3997, 70.3734, 76.9435

Monochromacy



Original Color

66.9780, 70.5286, 65.3416

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.7739, 70.2684, 72.3312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9780, 70.5286, 65.3416 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, 218, 201) looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 201)  
}
```

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, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.9780, 70.5286, 65.3416 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, 218, 201) }
```


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

```
.border{ border-color:rgb(226, 218, 201) }
```

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

Here you see how a box with a 4 pixel rgb(226, 218, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9780, 70.5286, 65.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 201) }
```

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

```
.background{ background-color: rgb(226,  
218, 201) }
```

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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