

Converting Colors

XYZ(67.1790, 70.5503, 68.2698)

Have a look what the booklet for
XYZ(67.1790, 70.5503, 68.2698)
contains.

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Color

**XYZ(67.2633, 70.6066,
68.4758)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DACE
RGB	225, 218, 206
RGB Percent	88%, 85%, 81%
CMY	0.1176, 0.1451, 0.1922
CMYK	0.00, 0.03, 0.08, 0.12
HSL	38°, 24%, 85%
HSV	38°, 8%, 88%
XYZ	67.2633, 70.6066, 68.4758
YIQ	218.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

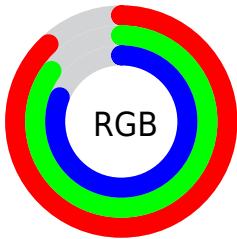
Format	Color
R _Y B	217, 225, 206
Decimal	14801614
CIE Lab	87.29, 0.34, 6.74
CIE LCh	87, 6.749, 87.113
Yxy	70.6066, 0.3260, 0.3422
Android (android.graphics.Color)	4292991694 (0xFFE1DACE)
YUV	218.7250, -6.2734, 5.5032
Hunter-Lab	84.0277, -4.1612, 10.5029

Details

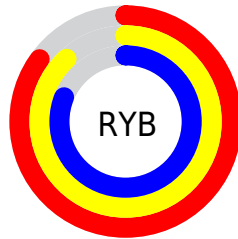
The XYZ color **67.2633, 70.6066, 68.4758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8383, 66.1454, 80.6902**, and the grayscale version is **67.1812, 70.6799, 76.9704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3423, 37.0074, 34.9862** is the 20% darker color. If you saturate the color by 10%, you get **62.6290, 65.4031, 54.3971**, and if you desaturate by 10%, it is **72.4003, 76.1876, 84.6543**.

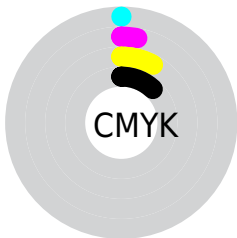
Distribution



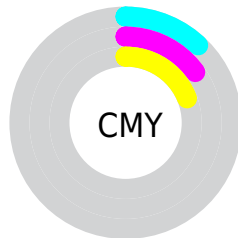
- Red (88%)
- Green (85%)
- Blue (81%)



- Red (85%)
- Yellow (88%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2633, 70.6066, 68.4758 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 67.2633, 70.6066, 68.4758 by changing the saturation by 10% instead.

■ 67.2633, 70.6066,
68.4758

■ 67.2633, 70.6066,
68.4758

440.2992,
462.6770, 473.8237

■ 49.5701, 52.0212,
49.8158

114.3453,
120.0734, 118.6932

■ 35.2883, 37.0220,
34.8969

144.4649,
151.7236, 151.0877

■ 24.0526, 25.2245,
23.3006

179.4573,
188.4976, 188.8974

■ 15.4976, 16.2444,
14.6082

219.6878,
230.7796, 232.5409

■ 9.2579, 9.6973,
8.4013

265.5220,
278.9542, 282.4368

■ 4.9683, 5.1987,
4.2614

317.3250,

■ 2.2632, 2.3643,

333.4057, 339.0035

1.7698

375.4623,
394.5185, 402.6596

■ 0.7757, 0.8074,
0.4079

■ 0.0000, 0.0000,
0.0000

■ 67.2633, 70.6066,
68.4758

■ 67.2633, 70.6066,
68.4758

■ 62.6290, 65.4031,
54.3971

■ 72.4003, 76.1876,
84.6543

■ 58.4734, 60.5582,
42.3259

■ 78.0511, 82.1460,
103.0103

■ 54.7791, 56.0646,
32.1699

■ 81.1100, 87.2443,
107.1726

■ 51.5254, 51.9114,
23.8276

■ 83.6435, 92.3115,
108.0172

■ 48.6897, 48.0869,
17.1882

■ 84.8616, 94.7477,
108.4232

■ 46.2469, 44.5785,
12.1284

■ 44.1689, 41.3720,
8.5085

■ 42.4226, 38.4513,
6.1633

■ 40.9604, 35.7945,
4.8507

Harmonies

Analogous

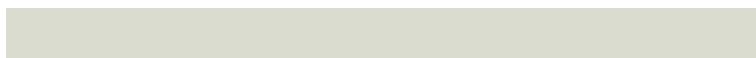
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7802, 70.6066, 69.7703



67.2633, 70.6066, 68.4758



65.7282, 70.6066, 69.3584

Triad

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



67.2633, 70.6066, 68.4758



64.4295, 70.6066, 80.9310



69.7049, 70.6066, 81.7227

Complementary

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



67.2633, 70.6066, 68.4758



62.8383, 66.1454, 80.6902

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.



68.5099, 70.6066, 84.9236



67.2633, 70.6066, 68.4758



65.4660, 70.6066, 84.4540

Square

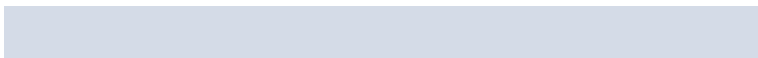
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2633, 70.6066, 68.4758



64.1075, 70.6066, 76.4392



66.9558, 70.6066, 85.9421



70.2037, 70.6066, 77.3197

Rectangle

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



67.2633, 70.6066, 68.4758



64.8982, 70.6066, 71.0825



66.9558, 70.6066, 85.9421



69.3704, 70.6066, 82.9815

Sweetspot

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



67.2652, 70.6097, 68.4773



92.9506, 97.7330, 102.2445



65.1698, 64.9697, 72.2460



19.7774, 20.7909, 21.5132



0.0000, 0.0000, 0.0000



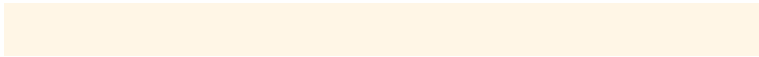
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2652, 70.6097, 68.4773



88.2904, 92.6203, 87.7194



68.4313, 73.9610, 69.0627



14.4254, 15.1367, 14.4682



23.5958, 20.6295, 2.7383



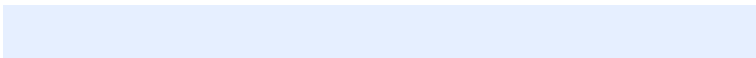
1.7201, 1.5992, 0.2180

Inverse Universe

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



62.8383, 66.1454, 80.6902



81.3569, 85.6284, 106.8477



61.7363, 63.0212, 80.1453



13.3633, 14.0657, 17.3983



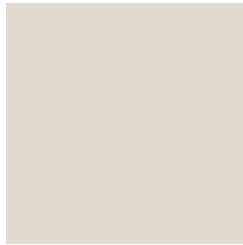
9.7094, 6.8884, 41.8662



0.7565, 0.6445, 2.9298

Previews

White Background



This preview shows how the XYZ color 67.2633, 70.6066, 68.4758 looks on a white background.

Color Contrast Check

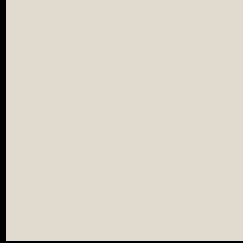
Large Text (above 18pt) WCAG AA × Fail

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 67.2633, 70.6066, 68.4758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

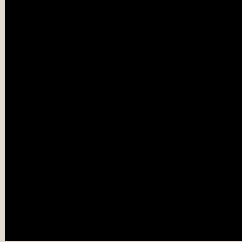
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

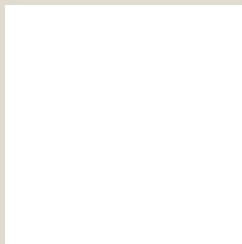
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2633, 70.6066, 68.4758

Background



This preview shows how black text looks on a background with the XYZ color 67.2633, 70.6066, 68.4758.

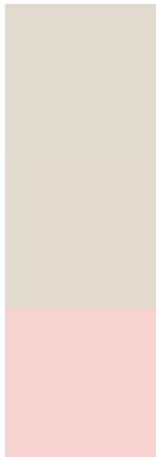


This preview shows how white text looks on a background with the XYZ color 67.2633, 70.6066,

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

67.2633, 70.6066, 68.4758

Protanopia

67.5760, 70.7678, 68.4904

Deuteranopia

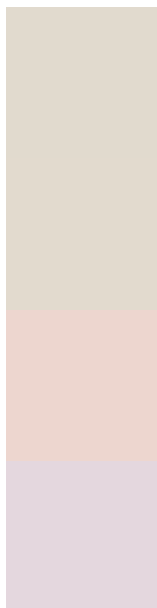
71.8650, 70.3266, 68.8182



Tritanopia

70.7835, 70.5207, 85.4825

Trichromacy



Original Color

67.2633, 70.6066, 68.4758

Protanomaly

67.5760, 70.7678, 68.4904

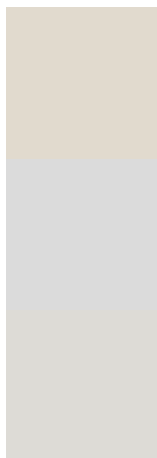
Deuteranomaly

70.2341, 70.6027, 68.9574

Tritanomaly

69.4802, 70.3688, 79.0278

Monochromacy



Original Color

67.2633, 70.6066, 68.4758

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2879, 70.8902, 73.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2633, 70.6066, 68.4758 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(225, 218, 206) looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 206)  
}
```

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(225, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.2633, 70.6066, 68.4758 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(225, 218, 206) }
```


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

```
.border{ border-color:rgb(225, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 206);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2633, 70.6066, 68.4758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 206) }
```

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

```
.background{ background-color: rgb(225,  
218, 206) }
```

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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