

Converting Colors

XYZ(67.3205, 70.0497, 72.6836)

Have a look what the booklet for
XYZ(67.3205, 70.0497, 72.6836)
contains.

XYZ(67.5636, 70.2771, 72.9546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.5636, 70.2771,
72.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D9D5
RGB	224, 217, 213
RGB Percent	88%, 85%, 84%
CMY	0.1216, 0.1490, 0.1647
CMYK	0.00, 0.03, 0.05, 0.12
HSL	22°, 15%, 86%
HSV	22°, 5%, 88%
XYZ	67.5636, 70.2771, 72.9546
YIQ	218.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

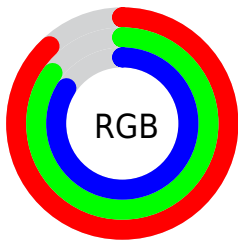
Format	Color
RYB	224, 219, 213
Decimal	14735829
CIELab	87.13, 1.70, 2.81
CIELCh	87, 3.278, 58.851
Yxy	70.2771, 0.3205, 0.3334
Android (android.graphics.Color)	4292925909 (0xFFE0D9D5)
YUV	218.6370, -2.7790, 4.7034
Hunter-Lab	83.8314, -2.8437, 7.0847

Details

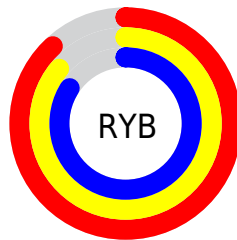
The XYZ color **67.5636, 70.2771, 72.9546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4883, 70.7134, 80.6667**, and the grayscale version is **67.0982, 70.5925, 76.8752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4541, 36.7443, 37.5715** is the 20% darker color. If you saturate the color by 10%, you get **61.4000, 62.1895, 57.8282**, and if you desaturate by 10%, it is **74.4409, 79.1620, 90.2582**.

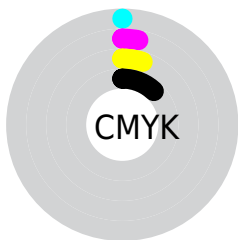
Distribution



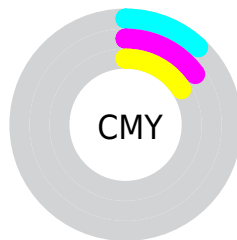
- Red (88%)
- Green (85%)
- Blue (84%)



- Red (88%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5636, 70.2771, 72.9546 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 67.5636, 70.2771, 72.9546 by changing the saturation by 10% instead.

67.5636, 70.2771,
72.9546

67.5636, 70.2771,
72.9546

441.3493,
461.5224, 489.9240

49.8152, 51.7525,
53.4472

114.7730,
119.6038, 125.1331

35.4838, 36.8078,
37.7698

144.9646,
151.1747, 158.6413

24.2040, 25.0587,
25.5036

180.0347,
187.8632, 197.6535

15.6106, 16.1208,
16.2302

220.3486,
230.0535, 242.5883

9.3381, 9.6097,
9.5311

266.2716,
278.1303, 293.8642

5.0212, 5.1409,
4.9877

318.1692,

2.2946, 2.3302,

332.4777, 351.8998

2.1814

376.4066,
393.4803, 417.1135

■ 0.7919, 0.7896,
0.6636

■ 0.0000, 0.0000,
0.0000

■ 67.5636, 70.2771,
72.9546

■ 67.5636, 70.2771,
72.9546

■ 61.4000, 62.1895,
57.8282

■ 74.4409, 79.1620,
90.2582

■ 55.9203, 54.8677,
44.7874

■ 81.5944, 88.6746,
107.4232

■ 51.1011, 48.2913,
33.7409

■ 84.5509, 94.5875,
108.4087

■ 46.9152, 42.4356,
24.5889

■ 43.3336, 37.2746,
17.2229

■ 40.3247, 32.7802,
11.5230

■ 37.8534, 28.9225,
7.3547

■ 35.8802, 25.6686,
4.5618

■ 34.3582, 22.9816,
2.9539

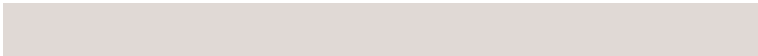
Harmonies

Analogous

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



68.0990, 70.2771, 74.4957



67.5636, 70.2771, 72.9546



66.8259, 70.2771, 72.3659

Triad

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



67.5636, 70.2771, 72.9546



65.3297, 70.2771, 76.4350



67.5119, 70.2771, 80.2869

Complementary

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



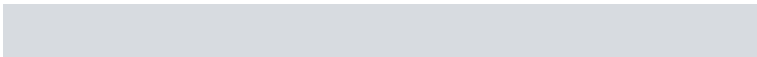
67.5636, 70.2771, 72.9546



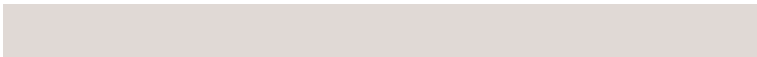
66.4883, 70.7134, 80.6667

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.



66.7666, 70.2771, 80.8297



67.5636, 70.2771, 72.9546



65.5103, 70.2771, 78.5802

Square

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



67.5636, 70.2771, 72.9546



65.5395, 70.2771, 74.3514



66.0348, 70.2771, 80.1993



68.0690, 70.2771, 78.7300

Rectangle

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



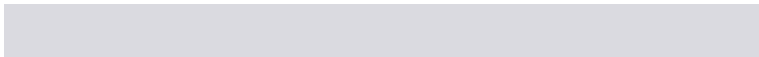
67.5636, 70.2771, 72.9546



66.3199, 70.2771, 72.5840



66.0348, 70.2771, 80.1993



67.2749, 70.2771, 80.5953

Sweetspot

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



67.5656, 70.2802, 72.9561



94.1269, 98.8064, 106.5803



67.4739, 68.6121, 77.5026



20.1568, 21.1612, 22.8370



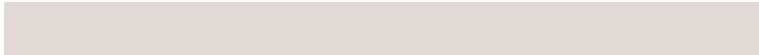
0.0000, 0.0000, 0.0000



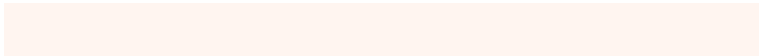
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5656, 70.2802, 72.9561



89.6575, 93.0012, 95.4302



68.9661, 73.0811, 73.4229



14.5029, 15.0225, 15.3243



19.7291, 12.8960, 1.4493



1.4507, 1.0603, 0.1282

Inverse Universe

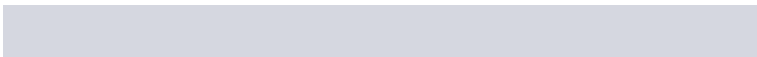
The Inverse Universe completely reimagines the original color for something new.



66.4883, 70.7134, 80.6667



87.8925, 93.7109, 108.0633



65.1075, 67.9518, 80.2065



14.1901, 15.1483, 17.5637



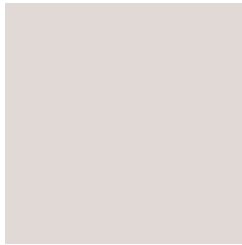
13.6153, 14.7002, 43.1682



1.0280, 1.1875, 3.0203

Previews

White Background



This preview shows how the XYZ color 67.5636, 70.2771, 72.9546 looks on a white background.

Color Contrast Check

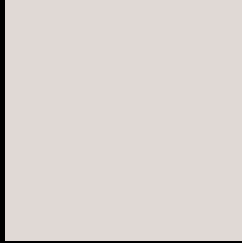
Large Text (above 18pt) WCAG AA × Fail

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 67.5636, 70.2771, 72.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

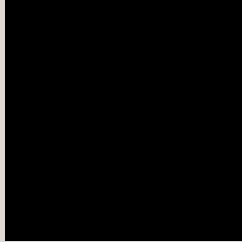
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

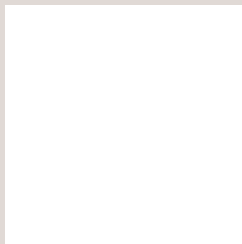
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5636, 70.2771, 72.9546

Background



This preview shows how black text looks on a background with the XYZ color 67.5636, 70.2771, 72.9546.

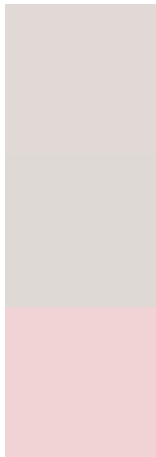


This preview shows how white text looks on a background with the XYZ color 67.5636, 70.2771,

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

67.5636, 70.2771, 72.9546

Protanopia

67.2545, 70.1178, 72.9402

Deuteranopia

71.7075, 70.1443, 73.3781



Tritanopia

70.1489, 70.1935, 85.4528

Trichromacy



Original Color

67.5636, 70.2771, 72.9546

Protanomaly

67.2545, 70.1178, 72.9402

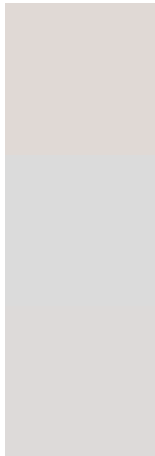
Deuteranomaly

70.1928, 70.1057, 73.4505

Tritanomaly

69.1190, 70.1514, 80.4186

Monochromacy



Original Color

67.5636, 70.2771, 72.9546

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.4146, 70.5247, 75.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5636, 70.2771, 72.9546 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(224, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 213)  
}
```

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(224, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.5636, 70.2771, 72.9546 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(224, 217, 213) }
```


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

```
.border{ border-color:rgb(224, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5636, 70.2771, 72.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 213) }
```

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

```
.background{ background-color: rgb(224,  
217, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor