

Converting Colors

XYZ(67.6375, 70.5517, 69.7698)

Have a look what the booklet for
XYZ(67.6375, 70.5517, 69.7698)
contains.

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Color

**XYZ(67.5621, 70.3485,
69.6922)**

Conversions

Conversions Part 1	
Format	Color
Hex	E2D9D0
RGB	226, 217, 208
RGB Percent	89%, 85%, 82%
CMY	0.1137, 0.1490, 0.1843
CMYK	0.00, 0.04, 0.08, 0.11
HSL	30°, 24%, 85%
HSV	30°, 8%, 89%
XYZ	67.5621, 70.3485, 69.6922
YIQ	218.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

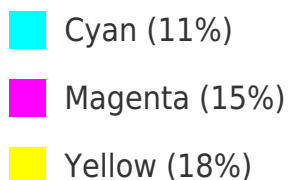
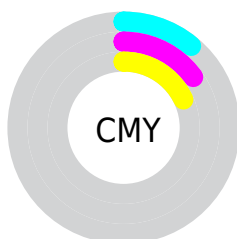
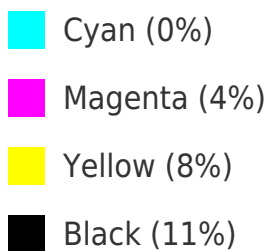
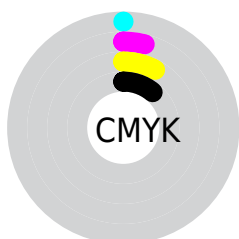
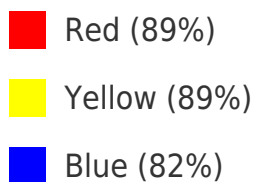
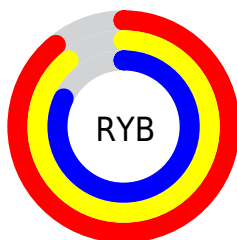
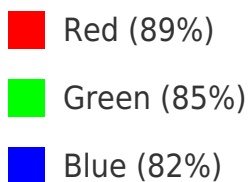
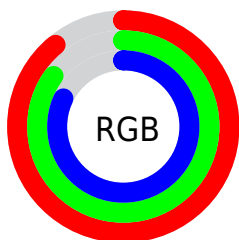
Format	Color
RYB	226, 226, 208
Decimal	14866896
CIELab	87.17, 1.54, 5.51
CIELCh	87, 5.726, 74.378
Yxy	70.3485, 0.3254, 0.3389
Android (android.graphics.Color)	4293056976 (0xFFE2D9D0)
YUV	218.6650, -5.2578, 6.4328
Hunter-Lab	83.8740, -2.9944, 9.4468

Details

The XYZ color 67.5621, 70.3485, 69.6922 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 64.5527, 68.5256, 81.7770, and the grayscale version is 67.1328, 70.6289, 76.9149.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 35.5477, 36.8317, 35.8075 is the 20% darker color. If you saturate the color by 10%, you get 62.1655, 63.6919, 55.1387, and if you desaturate by 10%, it is 73.5582, 77.5683, 86.4019.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5621, 70.3485, 69.6922 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 67.5621, 70.3485, 69.6922 by changing the saturation by 10% instead.


 67.5621, 70.3485,
69.6922

 67.5621, 70.3485,
69.6922


441.3440,
461.7727, 478.2284

 49.8139, 51.8107,
50.8004


114.7708,
119.7056, 120.4467

 35.4828, 36.8542,
35.6741


144.9621,
151.2937, 153.1465

 24.2033, 25.0946,
23.8949


180.0318,
188.0007, 191.2860

 15.6100, 16.1476,
15.0442

220.3453,
230.2109, 235.2838

 9.3377, 9.6286,
8.7035

266.2679,
278.3089, 285.5583

 5.0210, 5.1534,
4.4541


318.1650,


 2.2945, 2.3376,


332.6789, 342.5283


1.8776


376.4019,
393.7054, 406.6121


 0.7918, 0.7935,
0.4784

 0.0000, 0.0000,
0.0000


 67.5621, 70.3485,
69.6922


 67.5621, 70.3485,
69.6922


 62.1655, 63.6919,
55.1387


 73.5582, 77.5683,
86.4019


 57.3418, 57.5747,
42.6478

 80.1675, 85.3561,
105.3473

 53.0711, 51.9847,
32.1257

 83.8776, 92.3152,
108.0055

 49.3300, 46.9058,
23.4692

 85.1745, 94.9090,
108.4378

■ 46.0928, 42.3207,
16.5660

■ 43.3318, 38.2112,
11.2913

■ 41.0156, 34.5570,
7.5035

■ 39.1081, 31.3359,
5.0363

■ 37.5602, 28.5202,
3.6574

Harmonies

Analogous

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



68.7273, 70.3485, 71.5397



67.5621, 70.3485, 69.6922



66.2248, 70.3485, 69.6532

Triad

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



67.5621, 70.3485, 69.6922



64.3932, 70.3485, 78.4491



68.6869, 70.3485, 82.0072

Complementary

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



67.5621, 70.3485, 69.6922



64.5527, 68.5256, 81.7770

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.



67.5076, 70.3485, 83.9888



67.5621, 70.3485, 69.6922



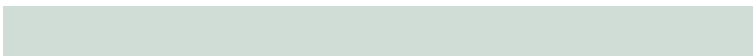
65.0350, 70.3485, 81.8884

Square

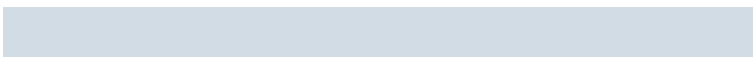
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5621, 70.3485, 69.6922



64.4074, 70.3485, 74.6228



66.1710, 70.3485, 83.9446



69.3826, 70.3485, 78.6069

Rectangle

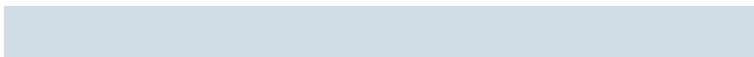
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5621, 70.3485, 69.6922



65.4163, 70.3485, 70.6532



66.1710, 70.3485, 83.9446



68.3332, 70.3485, 82.8663

Sweetspot

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



67.5640, 70.3516, 69.6937



93.4319, 98.0603, 104.3634



66.4453, 66.2913, 74.9401



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



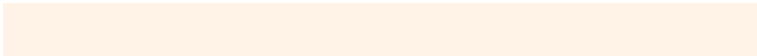
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5640, 70.3516, 69.6937



87.2810, 90.6016, 87.3829



69.9465, 75.1166, 70.4879



14.2709, 14.8277, 14.4167



21.3840, 16.2058, 2.0010



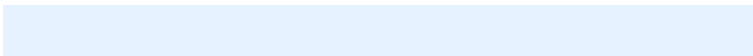
1.5718, 1.3024, 0.1685

Inverse Universe

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



64.5527, 68.5256, 81.7770



82.3478, 87.6103, 107.1780



62.2968, 64.0137, 81.0250



13.5152, 14.3695, 17.4489



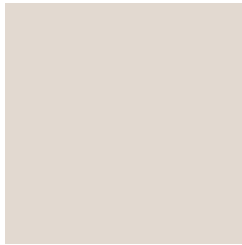
11.3161, 10.1017, 42.4018



0.8739, 0.8793, 2.9689

Previews

White Background



This preview shows how the XYZ color 67.5621, 70.3485, 69.6922 looks on a white background.

Color Contrast Check

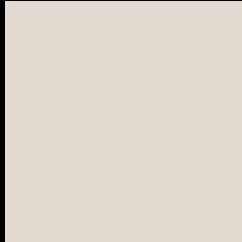
Large Text (above 18pt) WCAG AA × Fail

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 67.5621, 70.3485, 69.6922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

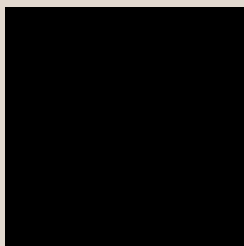
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

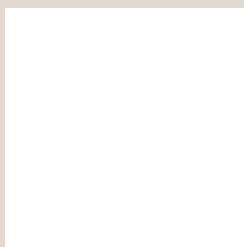
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5621, 70.3485, 69.6922

Background



This preview shows how black text looks on a background with the XYZ color 67.5621, 70.3485, 69.6922.

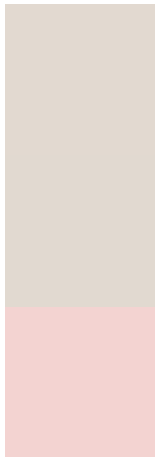


This preview shows how white text looks on a background with the XYZ color 67.5621, 70.3485,

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

67.5621, 70.3485, 69.6922

Protanopia

67.2494, 70.1873, 69.6776

Deuteranopia

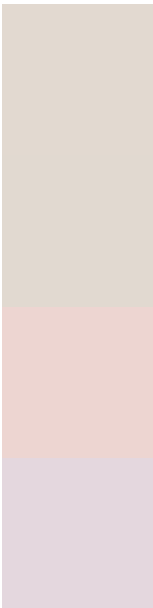
71.7650, 70.2467, 70.0981



Tritanopia

70.6426, 70.4643, 84.7406

Trichromacy



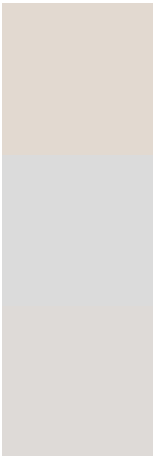
Original Color
67.5621, 70.3485, 69.6922

Protanomaly
67.2494, 70.1873, 69.6776

Deuteranomaly
70.2279, 70.1965, 70.1695

Tritanomaly
69.4802, 70.3688, 79.0278

Monochromacy



Original Color
67.5621, 70.3485, 69.6922

Achromatopsia
67.3311, 70.8376, 77.1421

Achromatomaly
67.4613, 70.5787, 74.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5621, 70.3485, 69.6922 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, 217, 208) looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 208)  
}
```

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, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.5621, 70.3485, 69.6922 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, 217, 208) }
```


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

```
.border{ border-color:rgb(226, 217, 208) }
```

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

Here you see how a box with a 4 pixel rgb(226, 217, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5621, 70.3485, 69.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 208) }
```

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

```
.background{ background-color: rgb(226,  
217, 208) }
```

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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