

Converting Colors

XYZ(69.7482, 74.2811, 67.1615)

Have a look what the booklet for
XYZ(69.7482, 74.2811, 67.1615)
contains.

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Color

**XYZ(69.7482, 74.2811,
67.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E0CB
RGB	229, 224, 203
RGB Percent	90%, 88%, 80%
CMY	0.1020, 0.1215, 0.2039
CMYK	0.00, 0.02, 0.11, 0.10
HSL	48°, 33%, 85%
HSV	48°, 11%, 90%
XYZ	69.7482, 74.2811, 67.1615
YIQ	223.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

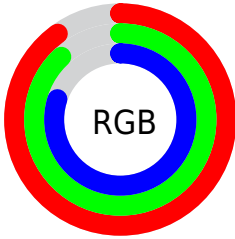
Format	Color
R_{YB}	209, 229, 203
Decimal	15065291
CIE _{Lab}	89.06, -1.83, 10.88
CIE _{LCh}	89, 11.034, 99.560
Y _{xy}	74.2811, 0.3303, 0.3517
Android (android.graphics.Color)	4293255371 (0xFFE5E0CB)
Y _{UV}	223.1010, -9.9098, 5.1734
Hunter-Lab	86.1865, -6.3715, 14.1283

Details

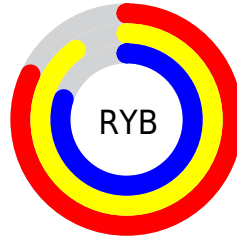
The XYZ color **69.7482, 74.2811, 67.1615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3272, 63.4642, 83.1468**, and the grayscale version is **70.2761, 73.9359, 80.5162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8464, 39.4301, 34.1025** is the 20% darker color. If you saturate the color by 10%, you get **66.0518, 70.9373, 53.4453**, and if you desaturate by 10%, it is **73.8824, 77.8539, 83.0142**.

Distribution



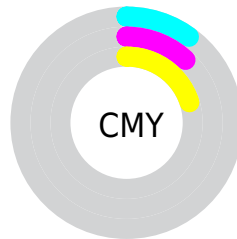
- Red (90%)
- Green (88%)
- Blue (80%)



- Red (82%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7482, 74.2811, 67.1615 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 69.7482, 74.2811, 67.1615 by changing the saturation by 10% instead.

■ 69.7482, 74.2811,
67.1615

■ 69.7482, 74.2811,
67.1615

448.9456,
475.4430, 469.0366

■ 51.6001, 55.0241,
48.7535

117.8778,
125.2942, 116.7946

■ 36.9094, 39.4211,
34.0597

148.5901,
157.8191, 148.8568

■ 25.3107, 27.0874,
22.6618

184.2212,
195.5355, 186.3075

■ 16.4387, 17.6389,
14.1410

225.1364,
238.8278, 229.5651

■ 9.9279, 10.6911,
8.0789

271.7010,
288.0802, 279.0483

■ 5.4131, 5.8595,
4.0570

324.2806,

■ 2.5288, 2.7598,

343.6773, 335.1756

1.6567

383.2403,
406.0034, 398.3655

■ 0.9098, 1.0077,
0.3308

■ 0.0000, 0.0000,
0.0000

■ 69.7482, 74.2811,
67.1615

■ 69.7482, 74.2811,
67.1615

■ 66.0518, 70.9373,
53.4453

■ 73.8824, 77.8539,
83.0142

■ 62.7693, 67.8053,
41.7680

■ 78.4651, 81.6529,
101.0857

■ 59.8837, 64.8802,
32.0316

■ 80.7069, 84.5652,
106.6768

■ 57.3741, 62.1534,
24.1279

■ 81.9979, 87.1473,
107.1071

■ 55.2178, 59.6154,
17.9384

■ 83.3205, 89.7923,
107.5479

■ 53.3894, 57.2556,
13.3303

■ 84.6747, 92.5008,
107.9993

■ 51.8598, 55.0621,
10.1516

■ 86.0608, 95.2731,
108.4614

■ 50.5941, 53.0204,
8.2199

■ 86.1233, 95.3981,
108.4822

■ 49.6630, 51.3574,
7.2955

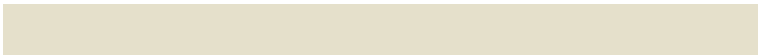
Harmonies

Analogous

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



72.4197, 74.2811, 67.8043



69.7482, 74.2811, 67.1615



67.3656, 74.2811, 70.0106

Triad

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



69.7482, 74.2811, 67.1615



66.6972, 74.2811, 90.6636



75.5495, 74.2811, 86.1520

Complementary

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



69.7482, 74.2811, 67.1615



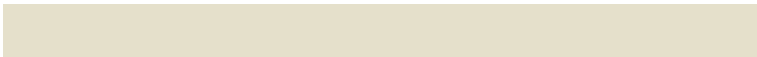
61.3272, 63.4642, 83.1468

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.



73.9404, 74.2811, 92.8188



69.7482, 74.2811, 67.1615



68.8149, 74.2811, 95.5360

Square

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



69.7482, 74.2811, 67.1615



65.6337, 74.2811, 83.3594



71.4627, 74.2811, 96.3487



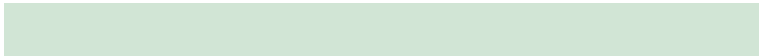
75.8148, 74.2811, 78.4492

Rectangle

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



69.7482, 74.2811, 67.1615



66.2450, 74.2811, 73.6196



71.4627, 74.2811, 96.3487



75.1459, 74.2811, 88.6017

Sweetspot

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



69.7502, 74.2844, 67.1631



93.3755, 98.5828, 102.3861



65.0797, 63.9348, 68.7152



19.8923, 21.0207, 21.5515



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.



69.7502, 74.2844, 67.1631



87.6765, 93.6118, 80.6729



68.6793, 75.7547, 67.5033



15.3539, 16.3218, 15.2456



28.4794, 29.5329, 4.1994



2.1652, 2.3037, 0.3305

Inverse Universe

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



61.3272, 63.4642, 83.1468



74.5934, 76.8059, 105.5013



62.3064, 62.1895, 82.8492



13.8058, 14.3331, 18.1832



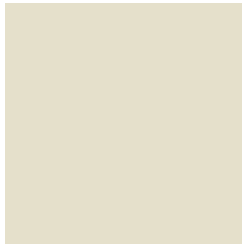
8.6667, 4.3955, 42.7748



0.7039, 0.4517, 3.1821

Previews

White Background



This preview shows how the XYZ color 69.7482, 74.2811, 67.1615 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 69.7482, 74.2811, 67.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

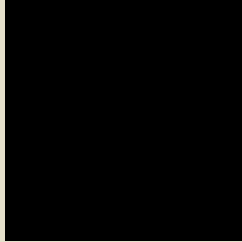
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7482, 74.2811, 67.1615

Background



This preview shows how black text looks on a background with the XYZ color 69.7482, 74.2811, 67.1615.

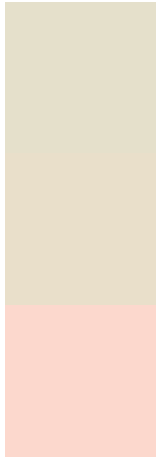


This preview shows how white text looks on a background with the XYZ color 69.7482, 74.2811, 67.1615.

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

69.7482, 74.2811, 67.1615

Protanopia

70.6526, 74.3633, 66.5069

Deuteranopia

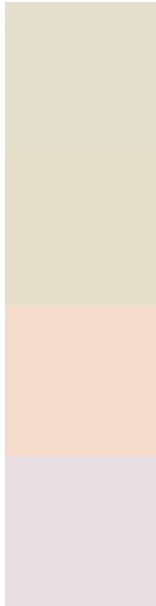
75.7202, 74.2150, 68.0916



Tritanopia

74.4035, 74.2116, 89.7597

Trichromacy



Original Color

69.7482, 74.2811, 67.1615

Protanomaly

70.3271, 74.1954, 66.4916

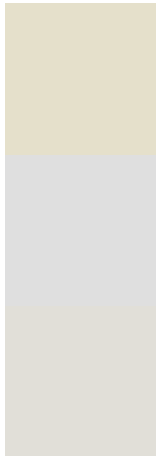
Deuteranomaly

73.5388, 74.2558, 67.5836

Tritanomaly

72.5897, 74.2505, 81.0269

Monochromacy



Original Color

69.7482, 74.2811, 67.1615

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8337, 73.7408, 75.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7482, 74.2811, 67.1615 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(229, 224, 203) looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 203)  
}
```

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(229, 224, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.7482, 74.2811, 67.1615 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(229, 224, 203) }
```


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

```
.border{ border-color:rgb(229, 224, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 203);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7482, 74.2811, 67.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 203) }
```

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

```
.background{ background-color: rgb(229,  
224, 203) }
```

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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