

Converting Colors

XYZ(69.5949, 74.6979, 68.0223)

Have a look what the booklet for
XYZ(69.5949, 74.6979, 68.0223)
contains.

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Color

**XYZ(69.5029, 74.5410,
67.8514)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E1CC
RGB	227, 225, 204
RGB Percent	89%, 88%, 80%
CMY	0.1098, 0.1176, 0.2000
CMYK	0.00, 0.01, 0.10, 0.11
HSL	55°, 29%, 85%
HSV	55°, 10%, 89%
XYZ	69.5029, 74.5410, 67.8514
YIQ	223.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

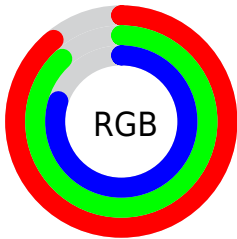
Format	Color
R _Y B	206, 227, 204
Decimal	14934476
CIE Lab	89.18, -2.89, 10.51
CIE LCh	89, 10.901, 105.371
Yxy	74.5410, 0.3280, 0.3518
Android (android.graphics.Color)	4293124556 (0xFFE3E1CC)
YUV	223.2040, -9.4676, 3.3291
Hunter-Lab	86.3371, -7.3944, 13.8406

Details

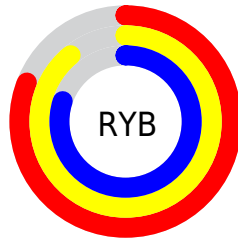
The XYZ color **69.5029, 74.5410, 67.8514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8382, 62.5250, 81.5359**, and the grayscale version is **70.3473, 74.0108, 80.5977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8930, 39.7221, 34.5768** is the 20% darker color. If you saturate the color by 10%, you get **66.4477, 72.4743, 54.3653**, and if you desaturate by 10%, it is **72.9652, 76.7852, 83.4328**.

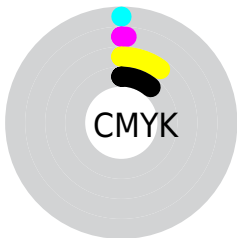
Distribution



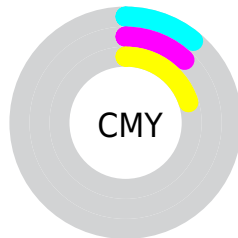
- Red (89%)
- Green (88%)
- Blue (80%)



- Red (81%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5029, 74.5410, 67.8514 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 69.5029, 74.5410, 67.8514 by changing the saturation by 10% instead.

■ 69.5029, 74.5410,
67.8514

■ 69.5029, 74.5410,
67.8514

448.0964,
476.3384, 471.5531

■ 51.3995, 55.2369,
49.3109

117.5297,
125.6624, 117.7917

■ 36.7490, 39.5915,
34.4988

148.1839,
158.2486, 150.0287

■ 25.1860, 27.2202,
22.9966

183.7523,
196.0309, 187.6682

■ 16.3451, 17.7386,
14.3857

224.6004,
239.3937, 231.1288

■ 9.8611, 10.7625,
8.2476

271.0935,
288.7215, 280.8290

■ 5.3685, 5.9074,
4.1638

323.5969,

■ 2.5020, 2.7888,

344.3986, 337.1875

1.7156

382.4761,
406.8095, 400.6227

■ 0.8963, 1.0225,
0.3714

■ 0.0000, 0.0000,
0.0000

■ 69.5029, 74.5410,
67.8514

■ 69.5029, 74.5410,
67.8514

■ 66.4477, 72.4743,
54.3653

■ 72.9652, 76.7852,
83.4328

■ 63.7764, 70.5685,
42.8796

■ 76.8446, 79.2037,
101.1893

■ 61.4727, 68.8196,
33.2994

■ 78.2808, 80.6549,
106.0498

■ 59.5166, 67.2194,
25.5200

■ 78.8349, 81.7631,
106.2345

■ 57.8865, 65.7592,
19.4269

■ 79.3952, 82.8837,
106.4213

■ 56.5579, 64.4294,
14.8923

■ 79.9618, 84.0168,
106.6102

■ 55.5032, 63.2188,
11.7699

■ 80.5346, 85.1625,
106.8011

■ 54.6894, 62.1140,
9.8863

■ 81.1137, 86.3207,
106.9942

■ 54.0659, 61.1051,
8.9449

■ 81.6991, 87.4915,
107.1893

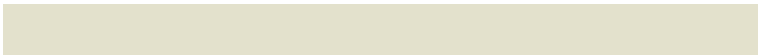
Harmonies

Analogous

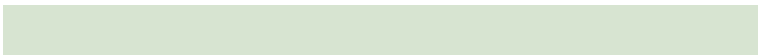
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1476, 74.5410, 67.8079



69.5029, 74.5410, 67.8514



67.2737, 74.5410, 71.3080

Triad

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



69.5029, 74.5410, 67.8514



67.3189, 74.5410, 92.0311



75.9100, 74.5410, 84.9156

Complementary

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



69.5029, 74.5410, 67.8514



60.8382, 62.5250, 81.5359

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.



74.5488, 74.5410, 91.8854



69.5029, 74.5410, 67.8514



69.5660, 74.5410, 96.1646

Square

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



69.5029, 74.5410, 67.8514



66.0344, 74.5410, 85.1044



72.2123, 74.5410, 96.1097



75.8921, 74.5410, 77.3442

Rectangle

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



69.5029, 74.5410, 67.8514



66.3040, 74.5410, 75.2142



72.2123, 74.5410, 96.1097



75.5971, 74.5410, 87.4164

Sweetspot

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



69.5049, 74.5443, 67.8530



93.6312, 99.0943, 102.4713



64.4494, 63.9885, 67.5390



19.9616, 21.1592, 21.5746



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.



69.5049, 74.5443, 67.8530



89.6677, 96.5013, 84.7064



67.2227, 74.1733, 67.9017



15.4891, 16.5920, 15.2907



31.5745, 35.7232, 5.2311



2.3649, 2.7030, 0.3971

Inverse Universe

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



60.8382, 62.5250, 81.5359



76.3987, 78.0995, 105.6558



62.9576, 62.9089, 81.4983



13.6829, 14.0871, 18.1423



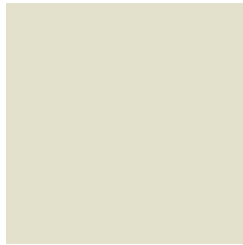
8.2640, 3.5900, 42.6406



0.6456, 0.3351, 3.1626

Previews

White Background



This preview shows how the XYZ color 69.5029, 74.5410, 67.8514 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 69.5029, 74.5410, 67.8514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

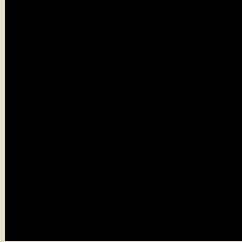
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

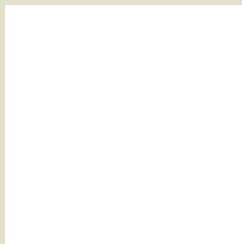
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5029, 74.5410, 67.8514

Background



This preview shows how black text looks on a background with the XYZ color 69.5029, 74.5410, 67.8514.



This preview shows how white text looks on a background with the XYZ color 69.5029, 74.5410,

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

69.5029, 74.5410, 67.8514

Protanopia

70.7714, 74.4108, 67.1326

Deuteranopia

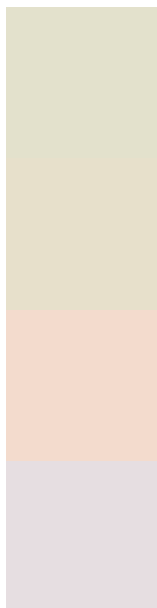
75.8413, 74.2634, 68.7295



Tritanopia

74.1580, 74.4566, 90.5838

Trichromacy



Original Color

69.5029, 74.5410, 67.8514

Protanomaly

70.3901, 74.6120, 67.1915

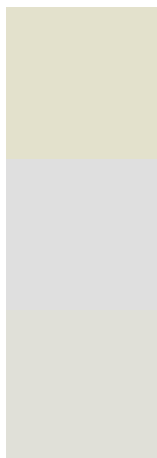
Deuteranomaly

73.3131, 74.1255, 68.2012

Tritanomaly

72.3450, 74.5018, 81.8015

Monochromacy



Original Color

69.5029, 74.5410, 67.8514

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.7908, 74.1165, 75.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5029, 74.5410, 67.8514 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(227, 225, 204) looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 204)  
}
```

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(227, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 204) }
```

Border

The CSS property to change the border of an element to XYZ 69.5029, 74.5410, 67.8514 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(227, 225, 204) }
```


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

```
.border{ border-color:rgb(227, 225, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5029, 74.5410, 67.8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 204) }
```

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

```
.background{ background-color: rgb(227,  
225, 204) }
```

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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