

Converting Colors

XYZ(71.5122, 73.8735, 69.2438)

Have a look what the booklet for
XYZ(71.5122, 73.8735, 69.2438)
contains.

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Color

**XYZ(71.7110, 74.0508,
69.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDCF
RGB	236, 221, 207
RGB Percent	93%, 87%, 81%
CMY	0.0745, 0.1333, 0.1882
CMYK	0.00, 0.06, 0.12, 0.07
HSL	29°, 43%, 87%
HSV	29°, 12%, 93%
XYZ	71.7110, 74.0508, 69.5451
YIQ	223.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

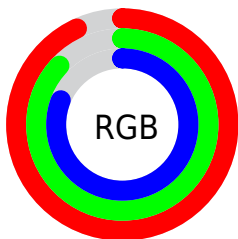
Format	Color
R_{YB}	236, 234, 207
Decimal	15523279
CIE Lab	88.95, 2.83, 8.70
CIE LCh	89, 9.151, 72.003
Yxy	74.0508, 0.3331, 0.3439
Android (android.graphics.Color)	4293713359 (0xFFECDDCF)
YUV	223.8890, -8.3263, 10.6213
Hunter-Lab	86.0528, -1.8416, 12.3207

Details

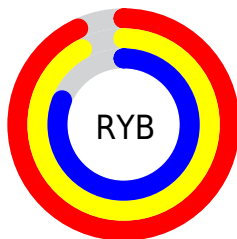
The XYZ color **71.7110, 74.0508, 69.5451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9934, 71.5625, 89.6396**, and the grayscale version is **70.8249, 74.5133, 81.1450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2084, 39.2756, 35.7042** is the 20% darker color. If you saturate the color by 10%, you get **65.9335, 66.7728, 54.4325**, and if you desaturate by 10%, it is **78.1581, 81.9763, 87.0103**.

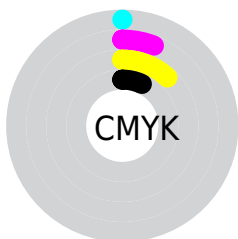
Distribution



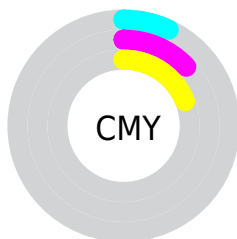
- Red (93%)
- Green (87%)
- Blue (81%)



- Red (93%)
- Yellow (92%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7110, 74.0508, 69.5451 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 71.7110, 74.0508, 69.5451 by changing the saturation by 10% instead.


 71.7110, 74.0508,
69.5451

 71.7110, 74.0508,
69.5451


455.7083,
474.6487, 477.6971

 53.2072, 54.8356,
50.6813


120.6586,
124.9678, 120.2348

 38.1964, 39.2701,
35.5800


151.8331,
157.4384, 152.8978

 26.3130, 26.9699,
23.8229

187.9620,
195.0963, 190.9976

 17.1919, 17.5506,
14.9913

229.4105,
238.3259, 234.9526

 10.4675, 10.6279,
8.6667

276.5440,
287.5115, 285.1816

 5.7747, 5.8172,
4.4306

329.7280,

 2.7479, 2.7342,

343.0376, 342.1029

1.8644

389.3276,
405.2885, 406.1353

■ 1.0219, 0.9946,
0.4700

■ 0.0000, 0.0000,
0.0000

■ 71.7110, 74.0508,
69.5451

■ 71.7110, 74.0508,
69.5451

■ 65.9335, 66.7728,
54.4325

■ 78.1581, 81.9763,
87.0103

■ 60.7956, 60.1150,
41.5658

■ 85.2913, 90.5562,
106.9192

■ 56.2735, 54.0622,
30.8367

■ 88.4024, 96.5730,
108.5889

■ 52.3399, 48.5949,
22.1265

■ 48.9646, 43.6924,
15.3042

■ 46.1146, 39.3323,
10.2235

■ 43.7523, 35.4900,
6.7161

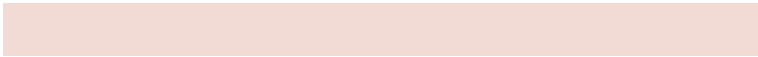
■ 41.8334, 32.1378,
4.5793

■ 40.6062, 29.8606,
3.6235

Harmonies

Analogous

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



73.6051, 74.0508, 72.7168



71.7110, 74.0508, 69.5451



69.4985, 74.0508, 69.2456

Triad

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



71.7110, 74.0508, 69.5451



66.2873, 74.0508, 83.1996



73.2802, 74.0508, 90.0648

Complementary

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



71.7110, 74.0508, 69.5451



66.9934, 71.5625, 89.6396

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.



71.2751, 74.0508, 93.1956



71.7110, 74.0508, 69.5451



67.2565, 74.0508, 89.0947

Square

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



71.7110, 74.0508, 69.5451



66.3984, 74.0508, 76.9080



69.0716, 74.0508, 92.8315



74.5241, 74.0508, 84.4675

Rectangle

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



71.7110, 74.0508, 69.5451



68.1436, 74.0508, 70.6937



69.0716, 74.0508, 92.8315



72.6711, 74.0508, 91.4535

Sweetspot

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



71.7130, 74.0541, 69.5467



91.7914, 96.0413, 99.9261



70.1532, 67.7585, 78.8177



19.5191, 20.4004, 21.0383



0.0000, 0.0000, 0.0000



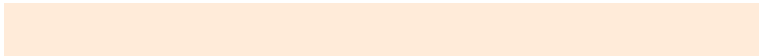
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7130, 74.0541, 69.5467



83.5037, 85.8004, 77.6353



75.5732, 81.7743, 70.8334



15.6658, 16.2546, 15.8305



22.5111, 16.7164, 2.0401



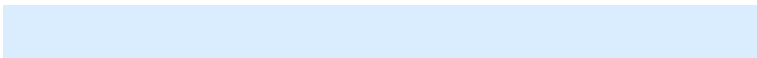
1.8636, 1.5045, 0.1922

Inverse Universe

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



66.9934, 71.5625, 89.6396



76.7388, 82.2291, 106.4350



63.4211, 64.4181, 88.4488



14.8755, 15.8374, 19.1951



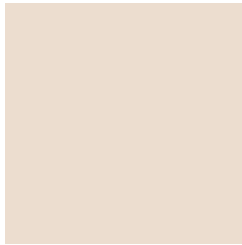
12.3144, 11.2758, 45.2704



1.0633, 1.0780, 3.5869

Previews

White Background



This preview shows how the XYZ color 71.7110, 74.0508, 69.5451 looks on a white background.

Color Contrast Check

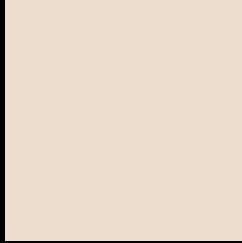
Large Text (above 18pt) WCAG AA × Fail

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 71.7110, 74.0508, 69.5451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

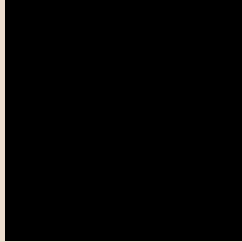
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7110, 74.0508, 69.5451

Background



This preview shows how black text looks on a background with the XYZ color 71.7110, 74.0508, 69.5451.



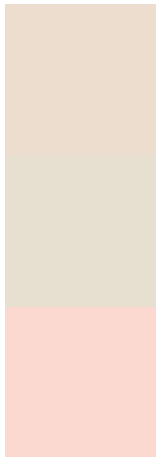
This preview shows how white text looks on a background with the XYZ color 71.7110, 74.0508,

69.5451.

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

71.7110, 74.0508, 69.5451

Protanopia

70.7278, 74.3183, 70.2916

Deuteranopia

75.7247, 74.1750, 70.0006



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

71.7110, 74.0508, 69.5451

Protanomaly

71.1107, 74.1203, 70.2332

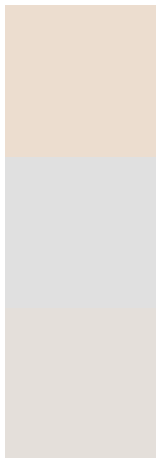
Deuteranomaly

74.4626, 74.2897, 70.0893

Tritanomaly

74.1226, 73.8753, 80.8737

Monochromacy



Original Color

71.7110, 74.0508, 69.5451

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0375, 74.3313, 76.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7110, 74.0508, 69.5451 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(236, 221, 207) looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 207)  
}
```

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(236, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.7110, 74.0508, 69.5451 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(236, 221, 207) }
```


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

```
.border{ border-color:rgb(236, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7110, 74.0508, 69.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 207) }
```

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

```
.background{ background-color: rgb(236,  
221, 207) }
```

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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