

Converting Colors

XYZ(70.7784, 71.5325, 68.8580)

Have a look what the booklet for
XYZ(70.7784, 71.5325, 68.8580)
contains.

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Color

**XYZ(70.7434, 71.6213,
69.1272)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD8CF
RGB	237, 216, 207
RGB Percent	93%, 85%, 81%
CMY	0.0706, 0.1529, 0.1882
CMYK	0.00, 0.09, 0.13, 0.07
HSL	18°, 45%, 87%
HSV	18°, 13%, 93%
XYZ	70.7434, 71.6213, 69.1272
YIQ	221.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

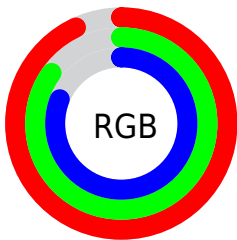
Format	Color
RYP	237, 220, 207
Decimal	15587535
CIELab	87.79, 5.77, 7.05
CIELCh	88, 9.110, 50.679
Yxy	71.6213, 0.3345, 0.3386
Android (android.graphics.Color)	4293777615 (0xFFEDD8CF)
YUV	221.2530, -7.0267, 13.8101
Hunter-Lab	84.6294, 1.1104, 10.8111

Details

The XYZ color **70.7434, 71.6213, 69.1272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7612, 74.8650, 90.9477**, and the grayscale version is **68.9469, 72.5375, 78.9933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5507, 37.6134, 35.4180** is the 20% darker color. If you saturate the color by 10%, you get **64.0240, 62.4762, 53.6491**, and if you desaturate by 10%, it is **78.3307, 81.8046, 87.0420**.

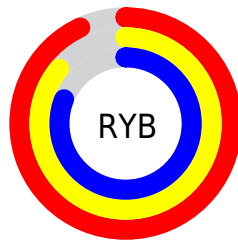
Distribution



Red (93%)

Green (85%)

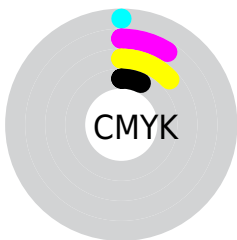
Blue (81%)



Red (93%)

Yellow (86%)

Blue (81%)

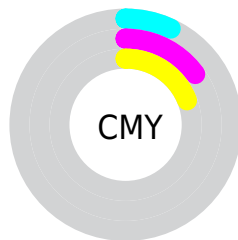


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7434, 71.6213, 69.1272 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 70.7434, 71.6213, 69.1272 by changing the saturation by 10% instead.

 70.7434, 71.6213,
69.1272

 70.7434, 71.6213,
69.1272

452.3817,
466.2224, 476.1856

 52.4146, 52.8494,
50.3429


119.2888,
121.5180, 119.6326

 37.5613, 37.6825,
35.3129

150.2361,
153.4115, 152.1909

 25.8180, 25.7364,
23.6185


186.1203,
190.4477, 190.1775

 16.8195, 16.6265,
14.8413

227.3067,
233.0110, 234.0111

 10.2004, 9.9686,
8.5627

274.1607,
281.4857, 284.1101

 5.5953, 5.3781,
4.3642

327.0476,

 2.6389, 2.4708,

336.2562, 340.8932

1.8272

386.3328,
397.7070, 404.7788

■ 0.9658, 0.8620,
0.4458

■ 0.0000, 0.0000,
0.0000

■ 70.7434, 71.6213,
69.1272

■ 70.7434, 71.6213,
69.1272

■ 64.0240, 62.4762,
53.6491

■ 78.3307, 81.8046,
87.0420

■ 58.1347, 54.3269,
40.4973

■ 86.8101, 93.0482,
107.4883

■ 53.0433, 47.1415,
29.5593

■ 88.7353, 96.7447,
108.6045

■ 48.7133, 40.8833,
20.7118

■ 45.1052, 35.5127,
13.8191

■ 42.1754, 30.9874,
8.7291

■ 39.8750, 27.2607,
5.2673

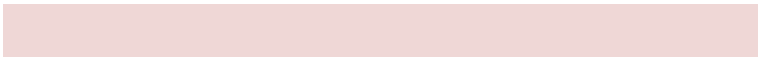
■ 38.1470, 24.2811,
3.2231

■ 37.1872, 22.5284,
2.3884

Harmonies

Analogous

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



72.0395, 71.6213, 73.8524



70.7434, 71.6213, 69.1272



68.7497, 71.6213, 66.8104

Triad

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



70.7434, 71.6213, 69.1272



64.0518, 71.6213, 76.0702



69.5532, 71.6213, 89.6661

Complementary

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



70.7434, 71.6213, 69.1272



68.7612, 74.8650, 90.9477

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.



67.4025, 71.6213, 90.3374



70.7434, 71.6213, 69.1272



64.2566, 71.6213, 82.2657

Square

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



70.7434, 71.6213, 69.1272



64.9069, 71.6213, 70.6768



65.4724, 71.6213, 87.5655



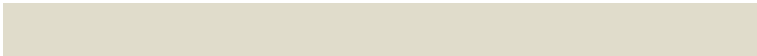
71.3422, 71.6213, 85.7770

Rectangle

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



70.7434, 71.6213, 69.1272



67.3061, 71.6213, 66.8547



65.4724, 71.6213, 87.5655



68.8475, 71.6213, 90.2833

Sweetspot

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



70.7454, 71.6245, 69.1287



91.2158, 94.8901, 99.7342



71.2423, 68.2326, 82.8149



19.3737, 20.1095, 20.9898



0.0000, 0.0000, 0.0000



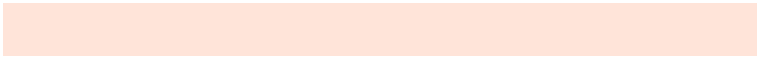
20.3446, 21.4041, 23.3091

Same Dimension

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



70.7454, 71.6245, 69.1287



81.5388, 81.8706, 76.9803



74.7642, 79.6621, 70.4683



15.4340, 15.7911, 15.7532



20.4029, 12.5001, 1.3374



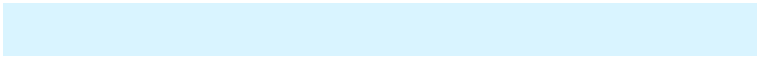
1.6837, 1.1446, 0.1322

Inverse Universe

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



68.7612, 74.8650, 90.9477



78.7972, 86.3459, 107.1211



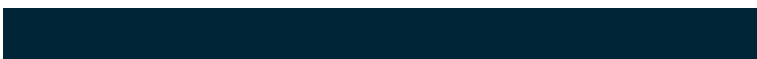
64.8134, 66.9693, 89.6317



15.1139, 16.3142, 19.2746



15.8973, 18.4416, 46.4647



1.3318, 1.6151, 3.6764

Previews

White Background



This preview shows how the XYZ color 70.7434, 71.6213, 69.1272 looks on a white background.

Color Contrast Check

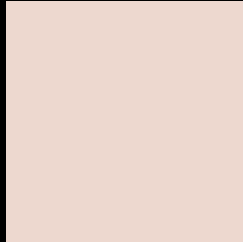
Large Text (above 18pt) WCAG AA × Fail

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 70.7434, 71.6213, 69.1272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

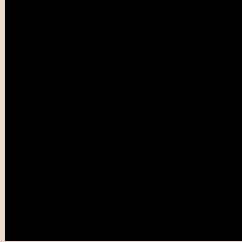
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

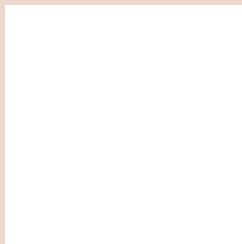
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7434, 71.6213, 69.1272

Background



This preview shows how black text looks on a background with the XYZ color 70.7434, 71.6213, 69.1272.

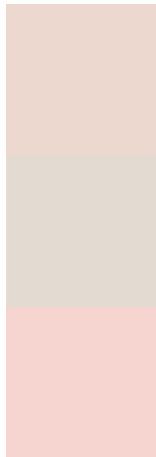


This preview shows how white text looks on a background with the XYZ color 70.7434, 71.6213,

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

70.7434, 71.6213, 69.1272

Protanopia

68.5187, 71.5974, 70.5300

Deuteranopia

73.1855, 71.7354, 69.6635



Tritanopia

73.8723, 71.7709, 84.0884

Trichromacy



Original Color

70.7434, 71.6213, 69.1272

Protanomaly

69.4116, 71.6858, 69.8529

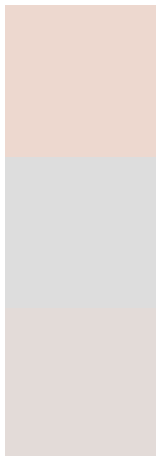
Deuteranomaly

72.3939, 71.7019, 69.6988

Tritanomaly

72.6943, 71.6643, 78.4078

Monochromacy



Original Color

70.7434, 71.6213, 69.1272

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4047, 71.9518, 75.1958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7434, 71.6213, 69.1272 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(237, 216, 207) looks like.

```
.text, #text, p{  
    color:rgb(237, 216, 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(237, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 216, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.7434, 71.6213, 69.1272 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(237, 216, 207) }
```


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

```
.border{ border-color:rgb(237, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 216,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7434, 71.6213, 69.1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 216, 207) }
```

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

```
.background{ background-color: rgb(237,  
216, 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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