

Converting Colors

XYZ(71.7931, 74.8946, 70.2179)

Have a look what the booklet for
XYZ(71.7931, 74.8946, 70.2179)
contains.

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Color

**XYZ(71.7045, 74.8218,
70.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	EADFD0
RGB	234, 223, 208
RGB Percent	92%, 87%, 82%
CMY	0.0823, 0.1255, 0.1843
CMYK	0.00, 0.05, 0.11, 0.08
HSL	35°, 38%, 87%
HSV	35°, 11%, 92%
XYZ	71.7045, 74.8218, 70.3373
YIQ	224.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

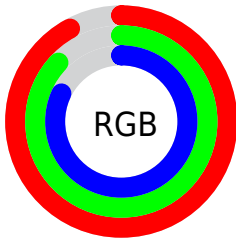
Format	Color
R _Y B	227, 234, 208
Decimal	15392720
CIE Lab	89.31, 1.25, 8.68
CIE LCh	89, 8.767, 81.810
Yxy	74.8218, 0.3306, 0.3450
Android (android.graphics.Color)	4293582800 (0xFFEADFD0)
YUV	224.5790, -8.1734, 8.2622
Hunter-Lab	86.4996, -3.4054, 12.3379

Details

The XYZ color **71.7045, 74.8218, 70.3373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1950, 70.0122, 87.8675**, and the grayscale version is **71.3186, 75.0327, 81.7107**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1955, 39.8033, 36.2415** is the 20% darker color. If you saturate the color by 10%, you get **66.4687, 68.6222, 55.4208**, and if you desaturate by 10%, it is **77.5237, 81.5070, 87.5456**.

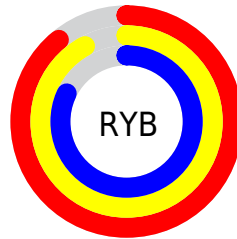
Distribution



Red (92%)

Green (87%)

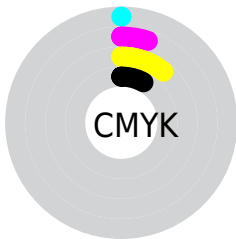
Blue (82%)



Red (89%)

Yellow (92%)

Blue (82%)

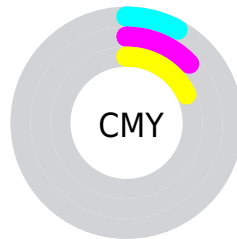


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7045, 74.8218, 70.3373 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 71.7045, 74.8218, 70.3373 by changing the saturation by 10% instead.

71.7045, 74.8218,
70.3373

71.7045, 74.8218,
70.3373

455.6860,
477.3049, 480.5545

53.2019, 55.4669,
51.3231

120.6494,
126.0601, 121.3753

38.1921, 39.7757,
36.0873

151.8224,
158.7123, 154.2361

26.3097, 27.3637,
24.2114

187.9496,
196.5657, 192.5495

17.1894, 17.8465,
15.2768

229.3964,
240.0047, 236.7340

10.4657, 10.8399,
8.8651

276.5281,
289.4137, 287.2083

5.7735, 5.9593,
4.5577

329.7100,

2.7472, 2.8203,

345.1772, 344.3908

1.9360

389.3075,
407.6794, 408.7000

■ 1.0215, 1.0387,
0.5155

■ 0.0000, 0.0000,
0.0000

■ 71.7045, 74.8218,
70.3373

■ 71.7045, 74.8218,
70.3373

■ 66.4687, 68.6222,
55.4208

■ 77.5237, 81.5070,
87.5456

■ 61.7892, 62.8857,
42.6929

■ 83.9402, 88.6801,
107.1334

■ 57.6453, 57.6022,
32.0495

■ 87.0107, 94.7701,
108.3142

■ 54.0127, 52.7576,
23.3761

■ 87.7420, 96.2326,
108.5580

■ 50.8648, 48.3369,
16.5469

■ 48.1724, 44.3234,
11.4215

■ 45.9020, 40.6991,
7.8391

■ 44.0141, 37.4431,
5.6073

■ 42.6015, 34.8317,
4.4778

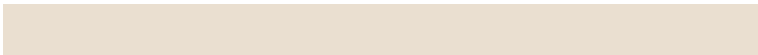
Harmonies

Analogous

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



73.6940, 74.8218, 72.5409



71.7045, 74.8218, 70.3373



69.5960, 74.8218, 70.9961

Triad

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



71.7045, 74.8218, 70.3373



67.3586, 74.8218, 85.9315



74.4038, 74.8218, 88.9842

Complementary

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



71.7045, 74.8218, 70.3373



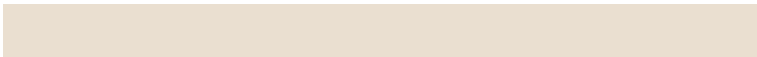
66.1950, 70.0122, 87.8675

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.



72.6577, 74.8218, 92.9226



71.7045, 74.8218, 70.3373



68.5986, 74.8218, 91.0994

Square

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



71.7045, 74.8218, 70.3373



67.1149, 74.8218, 79.7986



70.5305, 74.8218, 93.7156



75.2727, 74.8218, 83.1610

Rectangle

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



71.7045, 74.8218, 70.3373



68.4042, 74.8218, 72.9852



70.5305, 74.8218, 93.7156



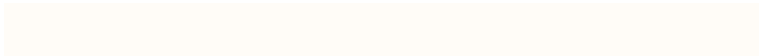
73.8983, 74.8218, 90.5843

Sweetspot

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



71.7065, 74.8251, 70.3389



92.8191, 97.4702, 102.2007



69.3098, 67.7337, 76.6239



19.7419, 20.7199, 21.5014



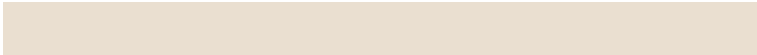
0.0000, 0.0000, 0.0000



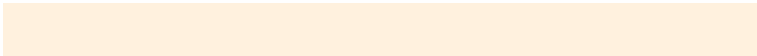
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7065, 74.8251, 70.3389



85.8543, 89.4250, 81.7376



74.1741, 80.6010, 71.3237



15.7874, 16.4978, 15.8710



24.0668, 19.8278, 2.5587



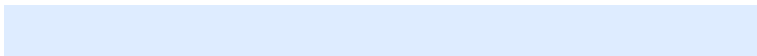
1.9847, 1.7468, 0.2326

Inverse Universe

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



66.1950, 70.0122, 87.8675



78.0861, 82.6417, 106.4436



63.9106, 64.7159, 86.9656



14.7548, 15.5960, 19.1549



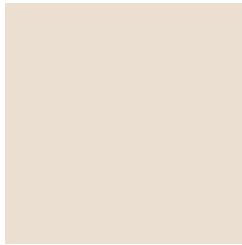
10.9693, 8.5857, 44.8220



0.9548, 0.8610, 3.5507

Previews

White Background



This preview shows how the XYZ color 71.7045, 74.8218, 70.3373 looks on a white background.

Color Contrast Check

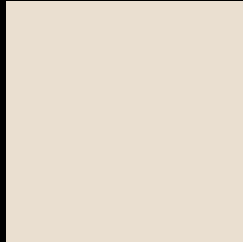
Large Text (above 18pt) WCAG AA × Fail

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 71.7045, 74.8218, 70.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

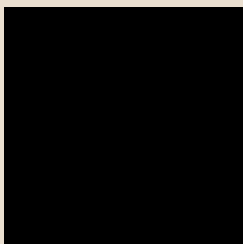
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

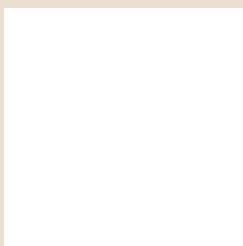
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7045, 74.8218, 70.3373

Background



This preview shows how black text looks on a background with the XYZ color 71.7045, 74.8218, 70.3373.

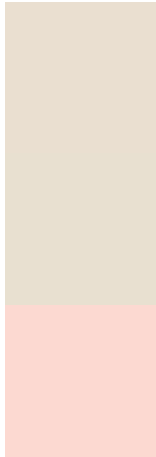


This preview shows how white text looks on a background with the XYZ color 71.7045, 74.8218,

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

71.7045, 74.8218, 70.3373

Protanopia

71.3195, 75.0212, 70.3961

Deuteranopia

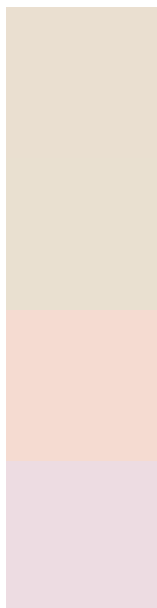
76.4664, 74.9246, 70.7533



Tritanopia

75.7317, 74.8963, 89.8218

Trichromacy



Original Color

71.7045, 74.8218, 70.3373

Protanomaly

71.6451, 75.1890, 70.4113

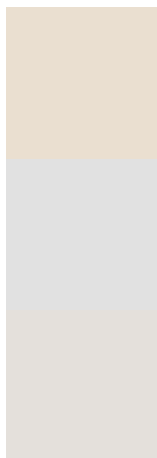
Deuteranomaly

74.4963, 74.6790, 70.8097

Tritanomaly

74.2457, 74.6819, 82.4534

Monochromacy



Original Color

71.7045, 74.8218, 70.3373

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4367, 74.9198, 77.7137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7045, 74.8218, 70.3373 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(234, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 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(234, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.7045, 74.8218, 70.3373 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(234, 223, 208) }
```


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

```
.border{ border-color:rgb(234, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 223, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 223, 208); box-shadow:4px 4px 4px 4px rgb(234, 223, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7045, 74.8218, 70.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 208) }
```

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

```
.background{ background-color: rgb(234,  
223, 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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