

Converting Colors

XYZ(71.5152, 75.4958, 71.7767)

Have a look what the booklet for
XYZ(71.5152, 75.4958, 71.7767)
contains.

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Color

**XYZ(71.5131, 75.4925,
71.7751)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1D2
RGB	231, 225, 210
RGB Percent	91%, 88%, 82%
CMY	0.0941, 0.1176, 0.1765
CMYK	0.00, 0.03, 0.09, 0.09
HSL	43°, 30%, 86%
HSV	43°, 9%, 91%
XYZ	71.5131, 75.4925, 71.7751
YIQ	225.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

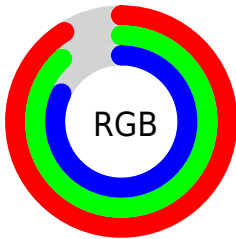
Format	Color
R _Y B	218, 231, 210
Decimal	15196626
CIE Lab	89.62, -0.51, 8.05
CIE LCh	90, 8.064, 93.617
Yxy	75.4925, 0.3269, 0.3451
Android (android.graphics.Color)	4293386706 (0xFFE7E1D2)
YUV	225.0840, -7.4364, 5.1883
Hunter-Lab	86.8864, -5.1343, 11.8422

Details

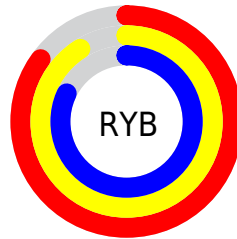
The XYZ color **71.5131, 75.4925, 71.7751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5579, 68.5818, 85.3845**, and the grayscale version is **71.6778, 75.4106, 82.1221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0547, 40.2637, 37.2185** is the 20% darker color. If you saturate the color by 10%, you get **67.0924, 70.9286, 57.1129**, and if you desaturate by 10%, it is **76.4223, 80.3669, 88.6515**.

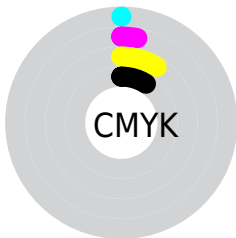
Distribution



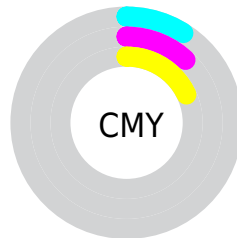
- Red (91%)
- Green (88%)
- Blue (82%)



- Red (85%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5131, 75.4925, 71.7751 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 71.5131, 75.4925, 71.7751 by changing the saturation by 10% instead.

■ 71.5131, 75.4925,
71.7751

■ 71.5131, 75.4925,
71.7751

455.0291,
479.6087, 485.7149

■ 53.0451, 56.0165,
52.4893

120.3786,
127.0093, 123.4415

■ 38.0664, 40.2161,
37.0103

151.5068,
159.8188, 156.6591

■ 26.2117, 27.7071,
24.9196

187.5857,
197.8416, 195.3577

■ 17.1156, 18.1050,
15.7987

228.9807,
241.4621, 239.9559

■ 10.4127, 11.0254,
9.2290

276.0572,
291.0646, 290.8722

■ 5.7378, 6.0839,
4.7920

329.1805,

■ 2.7255, 2.8962,

347.0336, 348.5251

2.0692

388.7160,
409.7535, 413.3331

■ 1.0103, 1.0778,
0.5973

■ 0.0000, 0.0000,
0.0000

■ 71.5131, 75.4925,
71.7751

■ 71.5131, 75.4925,
71.7751

■ 67.0924, 70.9286,
57.1129

■ 76.4223, 80.3669,
88.6515

■ 63.1355, 66.6568,
44.5664

■ 81.6371, 85.4725,
106.8029

■ 59.6248, 62.6711,
34.0371

■ 83.5948, 89.3879,
107.4554

■ 56.5388, 58.9618,
25.4164

■ 85.6236, 93.4455,
108.1317

■ 53.8543, 55.5183,
18.5856

■ 86.7654, 95.7291,
108.5123

■ 51.5454, 52.3289,
13.4127

■ 49.5828, 49.3804,
9.7470

■ 47.9318, 46.6578,
7.4107

■ 46.5391, 44.1382,
6.1270

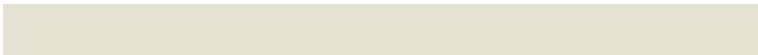
Harmonies

Analogous

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



73.4610, 75.4925, 72.7991



71.5131, 75.4925, 71.7751



69.6631, 75.4925, 73.4363

Triad

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



71.5131, 75.4925, 71.7751



68.6248, 75.4925, 88.3934



75.2235, 75.4925, 87.1470

Complementary

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



71.5131, 75.4925, 71.7751



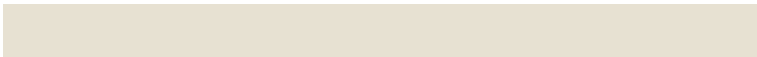
65.5579, 68.5818, 85.3845

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.



73.8850, 75.4925, 91.6314



71.5131, 75.4925, 71.7751



70.0723, 75.4925, 92.3740

Square

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



71.5131, 75.4925, 71.7751



68.0150, 75.4925, 82.8893



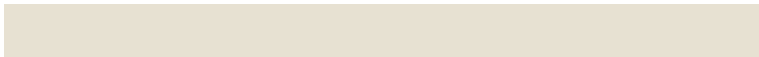
71.9942, 75.4925, 93.5851



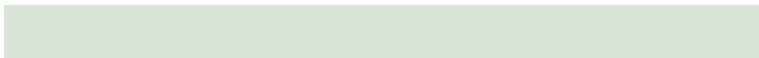
75.6263, 75.4925, 81.5116

Rectangle

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



71.5131, 75.4925, 71.7751



68.7273, 75.4925, 75.8898



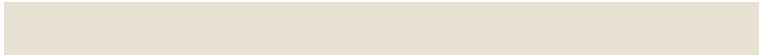
71.9942, 75.4925, 93.5851



74.8669, 75.4925, 88.8475

Sweetspot

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



71.5152, 75.4958, 71.7767



93.1497, 98.1314, 102.3109



68.4361, 68.0566, 74.6996



19.8312, 20.8985, 21.5312



0.0000, 0.0000, 0.0000



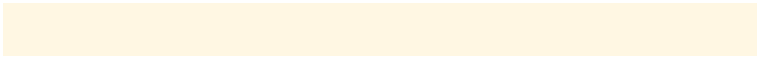
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5152, 75.4958, 71.7767



88.3564, 93.3196, 85.9925



71.8252, 78.1043, 72.2639



15.2357, 16.0853, 15.2062



26.1339, 24.8419, 3.4176



2.0095, 1.9923, 0.2786

Inverse Universe

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



65.5579, 68.5818, 85.3845



79.4093, 82.9357, 106.4306



65.2614, 66.1901, 84.9385



13.9163, 14.5540, 18.2201



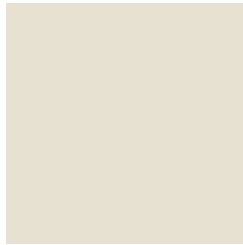
9.2684, 5.5990, 42.9754



0.7622, 0.5684, 3.2015

Previews

White Background



This preview shows how the XYZ color 71.5131, 75.4925, 71.7751 looks on a white background.

Color Contrast Check

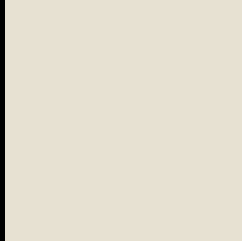
Large Text (above 18pt) WCAG AA × Fail

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 71.5131, 75.4925, 71.7751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

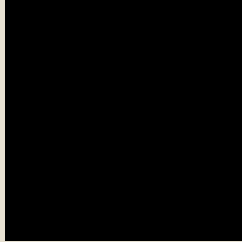
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

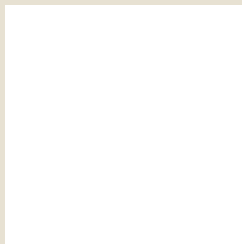
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5131, 75.4925, 71.7751

Background



This preview shows how black text looks on a background with the XYZ color 71.5131, 75.4925, 71.7751.

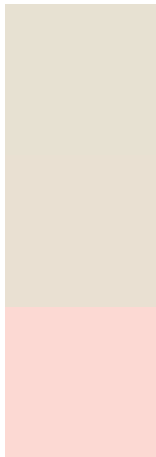


This preview shows how white text looks on a background with the XYZ color 71.5131, 75.4925,

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

71.5131, 75.4925, 71.7751

Protanopia

71.8928, 75.2881, 71.7157

Deuteranopia

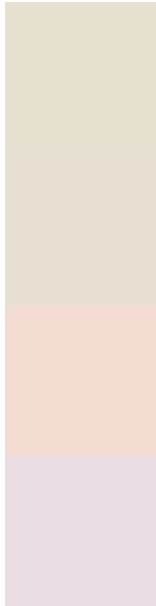
76.7156, 75.0243, 72.0658



Tritanopia

75.5500, 75.5481, 91.4893

Trichromacy



Original Color

71.5131, 75.4925, 71.7751

Protanomaly

71.5672, 75.1203, 71.7004

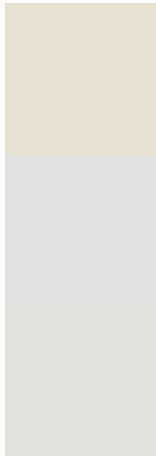
Deuteranomaly

74.6593, 75.1226, 72.1932

Tritanomaly

74.0566, 75.3364, 84.0370

Monochromacy



Original Color

71.5131, 75.4925, 71.7751

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5220, 75.3486, 78.4843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5131, 75.4925, 71.7751 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(231, 225, 210) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 210)  
}
```

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(231, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 210) }
```

Border

The CSS property to change the border of an element to XYZ 71.5131, 75.4925, 71.7751 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(231, 225, 210) }
```


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

```
.border{ border-color:rgb(231, 225, 210) }
```

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

Here you see how a box with a 4 pixel rgb(231, 225, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5131, 75.4925, 71.7751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 210) }
```

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

```
.background{ background-color: rgb(231,  
225, 210) }
```

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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