

Converting Colors

XYZ(71.8393, 76.0419, 71.6483)

Have a look what the booklet for
XYZ(71.8393, 76.0419, 71.6483)
contains.

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Color

**XYZ(71.7842, 76.0348,
71.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2D2
RGB	231, 226, 210
RGB Percent	91%, 89%, 82%
CMY	0.0941, 0.1137, 0.1765
CMYK	0.00, 0.02, 0.09, 0.09
HSL	46°, 30%, 86%
HSV	46°, 9%, 91%
XYZ	71.7842, 76.0348, 71.8655
YIQ	225.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

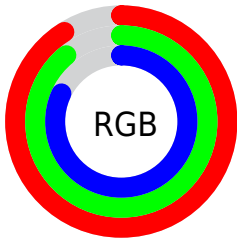
Format	Color
R_{YB}	217, 231, 210
Decimal	15196882
CIE Lab	89.88, -1.02, 8.41
CIE LCh	90, 8.472, 96.931
Yxy	76.0348, 0.3268, 0.3461
Android (android.graphics.Color)	4293386962 (0xFFE7E2D2)
YUV	225.6710, -7.7258, 4.6735
Hunter-Lab	87.1979, -5.6493, 12.1738

Details

The XYZ color **71.7842, 76.0348, 71.8655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3024, 68.0708, 85.2992**, and the grayscale version is **72.1028, 75.8578, 82.6091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2429, 40.6401, 37.2812** is the 20% darker color. If you saturate the color by 10%, you get **67.6419, 72.0276, 57.2961**, and if you desaturate by 10%, it is **76.3941, 80.3106, 88.6421**.

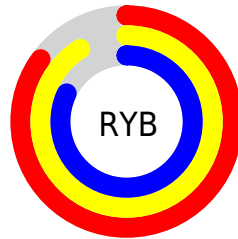
Distribution



Red (91%)

Green (89%)

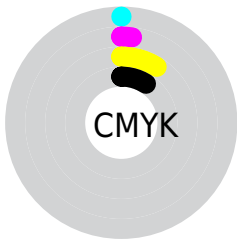
Blue (82%)



Red (85%)

Yellow (91%)

Blue (82%)

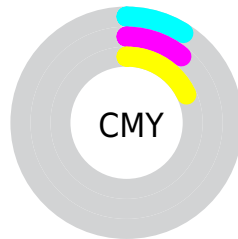


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7842, 76.0348, 71.8655 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 71.7842, 76.0348, 71.8655 by changing the saturation by 10% instead.

■ 71.7842, 76.0348,
71.8655

■ 71.7842, 76.0348,
71.8655

455.9594,
481.4668, 486.0383

■ 53.2672, 56.4610,
52.5626

120.7621,
127.7761, 123.5712

■ 38.2445, 40.5727,
37.0684

151.9538,
160.7124, 156.8112

■ 26.3506, 27.9853,
24.9643

188.1011,
198.8717, 195.5339

■ 17.2201, 18.3146,
15.8317

229.5694,
242.6384, 240.1580

■ 10.4878, 11.1761,
9.2520

276.7240,
292.3969, 291.1019

■ 5.7883, 6.1854,
4.8069

329.9303,

■ 2.7562, 2.9581,

348.5315, 348.7842

2.0777

389.5537,
411.4267, 413.6235

■ 1.0262, 1.1099,
0.6024

■ 0.0000, 0.0000,
0.0000

■ 71.7842, 76.0348,
71.8655

■ 71.7842, 76.0348,
71.8655

■ 67.6419, 72.0276,
57.2961

■ 76.3941, 80.3106,
88.6421

■ 63.9427, 68.2711,
44.8355

■ 81.2883, 84.7750,
106.6866

■ 60.6693, 64.7601,
34.3853

■ 82.9037, 88.0059,
107.2251

■ 57.8006, 61.4856,
25.8370

■ 84.5683, 91.3351,
107.7800

■ 55.3139, 58.4374,
19.0722

■ 86.2826, 94.7636,
108.3514

■ 53.1834, 55.6049,
13.9587

■ 86.7653, 95.7291,
108.5123

■ 51.3803, 52.9754,
10.3462

■ 49.8702, 50.5347,
8.0568

■ 48.6003, 48.2607,
6.8141

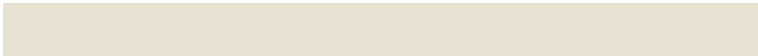
Harmonies

Analogous

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



73.8574, 76.0348, 72.6303



71.7842, 76.0348, 71.8655



69.8774, 76.0348, 73.9125

Triad

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



71.7842, 76.0348, 71.8655



69.0990, 76.0348, 89.9098



76.0354, 76.0348, 87.3883

Complementary

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



71.7842, 76.0348, 71.8655



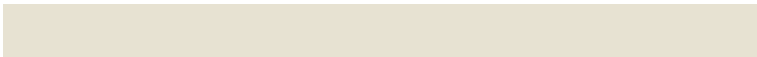
65.3024, 68.0708, 85.2992

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.



74.7142, 76.0348, 92.3491



71.7842, 76.0348, 71.8655



70.7032, 76.0348, 93.8533

Square

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



71.7842, 76.0348, 71.8655



68.3466, 76.0348, 84.1877



72.7556, 76.0348, 94.7668



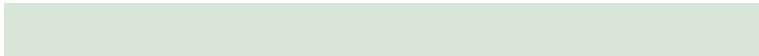
76.3383, 76.0348, 81.4058

Rectangle

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



71.7842, 76.0348, 71.8655



68.9481, 76.0348, 76.6573



72.7556, 76.0348, 94.7668



75.6944, 76.0348, 89.2392

Sweetspot

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



71.7863, 76.0381, 71.8671



93.2648, 98.3614, 102.3492



68.3004, 68.0023, 73.9855



19.8623, 20.9608, 21.5415



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.



71.7863, 76.0381, 71.8671



88.7664, 94.1397, 86.1291



71.4953, 77.9342, 72.2484



15.2958, 16.2055, 15.2263



27.2847, 27.1435, 3.8012



2.0864, 2.1462, 0.3043

Inverse Universe

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



65.3024, 68.0708, 85.2992



79.0282, 82.1737, 106.3036



65.5692, 66.3488, 84.9528



13.8598, 14.4409, 18.2012



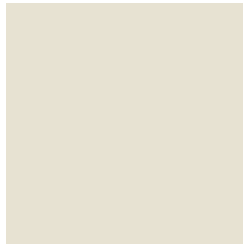
8.9306, 4.9233, 42.8628



0.7306, 0.5052, 3.1910

Previews

White Background



This preview shows how the XYZ color 71.7842, 76.0348, 71.8655 looks on a white background.

Color Contrast Check

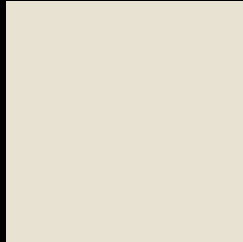
Large Text (above 18pt) WCAG AA × Fail

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 71.7842, 76.0348, 71.8655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

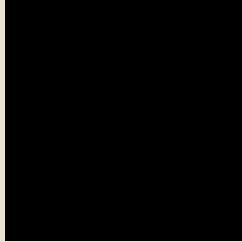
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

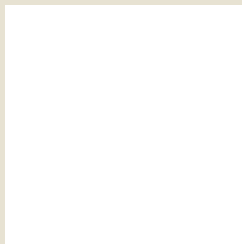
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7842, 76.0348, 71.8655

Background



This preview shows how black text looks on a background with the XYZ color 71.7842, 76.0348, 71.8655.



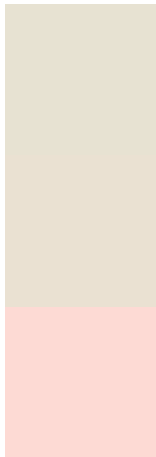
This preview shows how white text looks on a background with the XYZ color 71.7842, 76.0348,

71.8655.

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

71.7842, 76.0348, 71.8655

Protanopia

72.4898, 75.9960, 71.8208

Deuteranopia

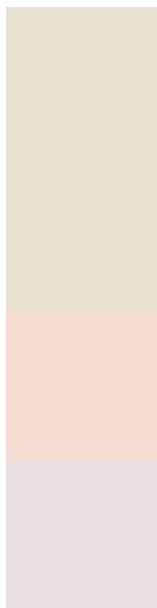
77.4631, 75.7789, 72.8314



Tritanopia

75.9622, 76.1367, 92.3536

Trichromacy



Original Color

71.7842, 76.0348, 71.8655

Protanomaly

72.1623, 75.8272, 71.8055

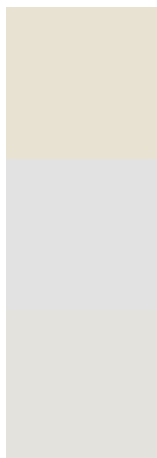
Deuteranomaly

75.2705, 75.8285, 72.2972

Tritanomaly

74.3230, 75.8692, 84.1258

Monochromacy



Original Color

71.7842, 76.0348, 71.8655

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1095, 76.0540, 78.5895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7842, 76.0348, 71.8655 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, 226, 210) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 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, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 210) }
```

Border

The CSS property to change the border of an element to XYZ 71.7842, 76.0348, 71.8655 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, 226, 210) }
```


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

```
.border{ border-color:rgb(231, 226, 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, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7842, 76.0348, 71.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 210) }
```

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

```
.background{ background-color: rgb(231,  
226, 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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