

Converting Colors

XYZ(71.6455, 75.1887, 70.4127)

Have a look what the booklet for
XYZ(71.6455, 75.1887, 70.4127)
contains.

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Color

**XYZ(71.6451, 75.1890,
70.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E0D0
RGB	233, 224, 208
RGB Percent	91%, 88%, 82%
CMY	0.0863, 0.1215, 0.1843
CMYK	0.00, 0.04, 0.11, 0.09
HSL	38°, 36%, 86%
HSV	38°, 11%, 91%
XYZ	71.6451, 75.1890, 70.4113
YIQ	224.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

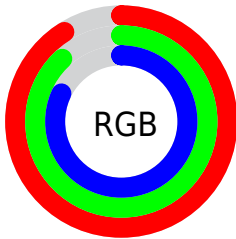
Format	Color
R _Y B	222, 233, 208
Decimal	15327440
CIE Lab	89.48, 0.38, 8.91
CIE LCh	89, 8.921, 87.547
Yxy	75.1890, 0.3298, 0.3461
Android (android.graphics.Color)	4293517520 (0xFFE9E0D0)
YUV	224.8670, -8.3154, 7.1326
Hunter-Lab	86.7116, -4.2604, 12.5536

Details

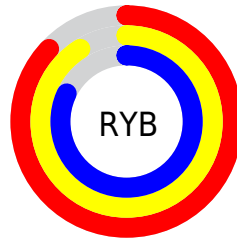
The XYZ color **71.6451, 75.1890, 70.4113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5331, 68.9176, 86.9401**, and the grayscale version is **71.5268, 75.2518, 81.9492**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1522, 40.0561, 36.2926** is the 20% darker color. If you saturate the color by 10%, you get **66.7891, 69.7321, 55.6734**, and if you desaturate by 10%, it is **77.0375, 81.0432, 87.4075**.

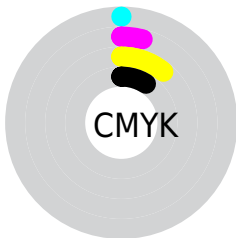
Distribution



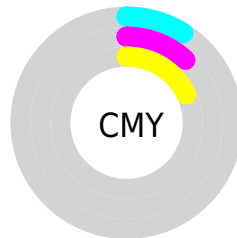
- Red (91%)
- Green (88%)
- Blue (82%)



- Red (87%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6451, 75.1890, 70.4113 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 71.6451, 75.1890, 70.4113 by changing the saturation by 10% instead.

■ 71.6451, 75.1890,
70.4113

■ 71.6451, 75.1890,
70.4113

455.4822,
478.5669, 480.8209

■ 53.1532, 55.7677,
51.3830

120.5654,
126.5799, 121.4817

■ 38.1531, 40.0167,
36.1347

151.7245,
159.3183, 154.3610

■ 26.2793, 27.5516,
24.2477

187.8367,
197.2645, 192.6943

■ 17.1665, 17.9879,
15.3036

229.2674,
240.8029, 236.9002

■ 10.4493, 10.9413,
8.8837

276.3820,
290.3180, 287.3973

■ 5.7624, 6.0274,
4.5697

329.5457,

■ 2.7404, 2.8617,

346.1941, 344.6041

1.9428

389.1240,
408.8156, 408.9391

■ 1.0180, 1.0600,
0.5197

■ 0.0000, 0.0000,
0.0000

■ 71.6451, 75.1890,
70.4113

■ 71.6451, 75.1890,
70.4113

■ 66.7891, 69.7321,
55.6734

■ 77.0375, 81.0432,
87.4075

■ 62.4436, 64.6521,
43.0921

■ 82.9789, 87.2948,
106.7482

■ 58.5892, 59.9413,
32.5651

■ 85.5790, 92.3926,
107.9308

■ 55.2031, 55.5878,
23.9797

■ 87.4146, 96.0638,
108.5427

■ 52.2602, 51.5789,
17.2126

■ 49.7327, 47.9006,
12.1256

■ 47.5889, 44.5376,
8.5610

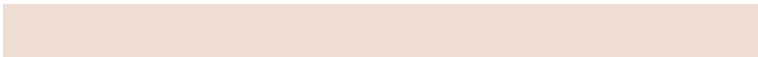
■ 45.7914, 41.4718,
6.3304

■ 44.3776, 38.8698,
5.1637

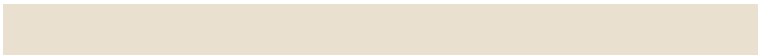
Harmonies

Analogous

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



73.7462, 75.1890, 72.1165



71.6451, 75.1890, 70.4113



69.5369, 75.1890, 71.6437

Triad

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



71.6451, 75.1890, 70.4113



67.7995, 75.1890, 87.5673



75.0739, 75.1890, 88.5048

Complementary

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



71.6451, 75.1890, 70.4113



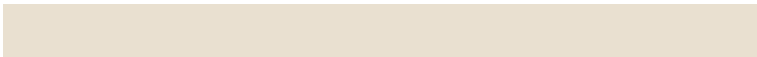
65.5331, 68.9176, 86.9401

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.



73.4282, 75.1890, 93.0216



71.6451, 75.1890, 70.4113



69.2311, 75.1890, 92.4612

Square

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



71.6451, 75.1890, 70.4113



67.3438, 75.1890, 81.3534



71.2850, 75.1890, 94.5046



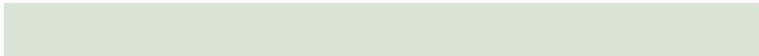
75.7508, 75.1890, 82.3848

Rectangle

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



71.6451, 75.1890, 70.4113



68.4057, 75.1890, 74.0020



71.2850, 75.1890, 94.5046



74.6140, 75.1890, 90.2726

Sweetspot

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



71.6472, 75.1923, 70.4129



92.9707, 97.7733, 102.2512



68.7072, 67.4549, 75.1592



19.7828, 20.8017, 21.5150



0.0000, 0.0000, 0.0000



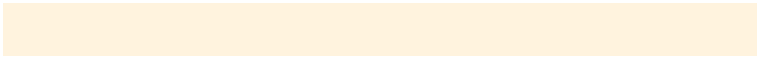
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6472, 75.1923, 70.4129



86.4768, 90.6700, 81.9451



73.0512, 79.6007, 71.1898



15.8697, 16.6624, 15.8985



25.3021, 22.2984, 2.9705



2.0774, 1.9321, 0.2634

Inverse Universe

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



65.5331, 68.9176, 86.9401



77.4880, 81.4453, 106.2442



64.2244, 64.8942, 86.2324



14.6748, 15.4361, 19.1283



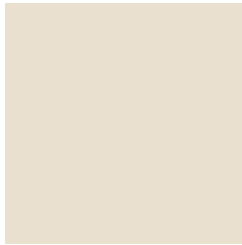
10.2443, 7.1357, 44.5804



0.8928, 0.7370, 3.5301

Previews

White Background



This preview shows how the XYZ color 71.6451, 75.1890, 70.4113 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 71.6451, 75.1890, 70.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

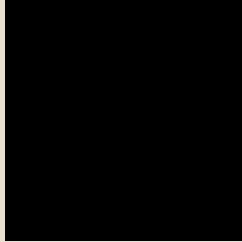
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

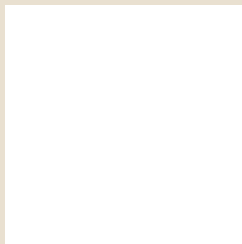
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6451, 75.1890, 70.4113

Background



This preview shows how black text looks on a background with the XYZ color 71.6451, 75.1890, 70.4113.

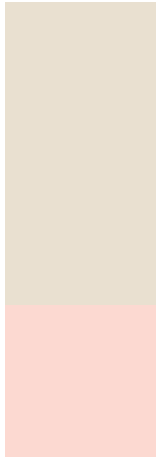


This preview shows how white text looks on a background with the XYZ color 71.6451, 75.1890,

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

71.6451, 75.1890, 70.4113

Protanopia

71.6451, 75.1890, 70.4113

Deuteranopia

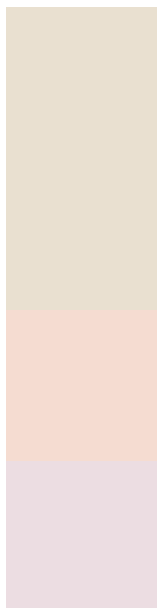
76.4664, 74.9246, 70.7533



Tritanopia

75.8043, 75.3053, 90.6608

Trichromacy



Original Color

71.6451, 75.1890, 70.4113

Protanomaly

71.6451, 75.1890, 70.4113

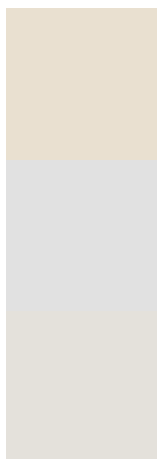
Deuteranomaly

74.7580, 75.2023, 70.8969

Tritanomaly

74.1760, 75.0368, 82.5256

Monochromacy



Original Color

71.6451, 75.1890, 70.4113

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7063, 75.4589, 77.8035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6451, 75.1890, 70.4113 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(233, 224, 208) looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 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(233, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.6451, 75.1890, 70.4113 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(233, 224, 208) }
```


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

```
.border{ border-color:rgb(233, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 224,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6451, 75.1890, 70.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 208) }
```

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

```
.background{ background-color: rgb(233,  
224, 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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