

Converting Colors

XYZ(71.5029, 73.9313, 70.1715)

Have a look what the booklet for
XYZ(71.5029, 73.9313, 70.1715)
contains.

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Color

**XYZ(71.5026, 73.9291,
70.1757)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDDD0
RGB	235, 221, 208
RGB Percent	92%, 87%, 82%
CMY	0.0784, 0.1333, 0.1843
CMYK	0.00, 0.06, 0.11, 0.08
HSL	29°, 40%, 87%
HSV	29°, 11%, 92%
XYZ	71.5026, 73.9291, 70.1757
YIQ	223.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

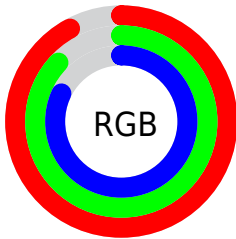
Format	Color
R_{YB}	235, 233, 208
Decimal	15457744
CIE Lab	88.89, 2.63, 8.08
CIE LCh	89, 8.503, 71.956
Yxy	73.9291, 0.3316, 0.3429
Android (android.graphics.Color)	4293647824 (0xFFEBDDD0)
YUV	223.7040, -7.7421, 9.9066
Hunter-Lab	85.9820, -2.0281, 11.7969

Details

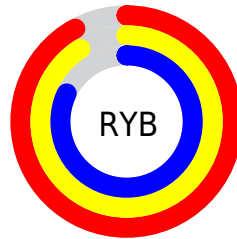
The XYZ color **71.5026, 73.9291, 70.1757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1290, 71.6495, 88.8898**, and the grayscale version is **70.6892, 74.3705, 80.9895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0594, 39.1892, 36.1302** is the 20% darker color. If you saturate the color by 10%, you get **65.7230, 66.6587, 55.0260**, and if you desaturate by 10%, it is **77.9481, 81.8442, 87.6626**.

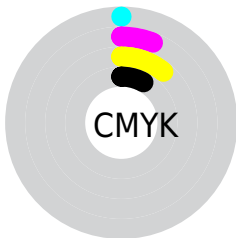
Distribution



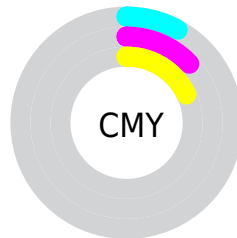
- Red (92%)
- Green (87%)
- Blue (82%)



- Red (92%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5026, 73.9291, 70.1757 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 71.5026, 73.9291, 70.1757 by changing the saturation by 10% instead.

71.5026, 73.9291,
70.1757

71.5026, 73.9291,
70.1757

454.9930,
474.2286, 479.9725

53.0365, 54.7360,
51.1921

120.3637,
124.7953, 121.1427

38.0595, 39.1904,
35.9837

151.4894,
157.2372, 153.9633

26.2063, 26.9079,
24.1320

187.5657,
194.8642, 192.2332

17.1115, 17.5041,
15.2185

228.9579,
238.0606, 236.3710

10.4098, 10.5945,
8.8245

276.0314,
287.2108, 286.7953

5.7359, 5.7949,
4.5317

329.1515,

2.7243, 2.7208,

342.6993, 343.9246

1.9213

388.6836,
404.9105, 408.1775

■ 1.0097, 0.9877,
0.5062

■ 0.0000, 0.0000,
0.0000

■ 71.5026, 73.9291,
70.1757

■ 71.5026, 73.9291,
70.1757

■ 65.7230, 66.6587,
55.0260

■ 77.9481, 81.8442,
87.6626

■ 60.5796, 60.0059,
42.1083

■ 85.0754, 90.4106,
107.5748

■ 56.0491, 53.9556,
31.3163

■ 88.0713, 96.4024,
108.5734

■ 52.1043, 48.4887,
22.5330

■ 48.7159, 43.5845,
15.6301

■ 45.8512, 39.2210,
10.4641

■ 43.4734, 35.3740,
6.8705

■ 41.5393, 32.0162,
4.6522

■ 40.1871, 29.5139,
3.5787

Harmonies

Analogous

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



73.2572, 73.9291, 73.1413



71.5026, 73.9291, 70.1757



69.4493, 73.9291, 69.8912

Triad

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



71.5026, 73.9291, 70.1757



66.4597, 73.9291, 82.8714



72.9514, 73.9291, 89.2387

Complementary

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



71.5026, 73.9291, 70.1757



67.1290, 71.6495, 88.8898

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.



71.0919, 73.9291, 92.1231



71.5026, 73.9291, 70.1757



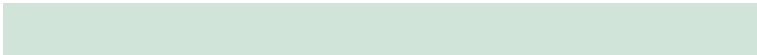
67.3601, 73.9291, 88.3284

Square

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



71.5026, 73.9291, 70.1757



66.5648, 73.9291, 77.0302



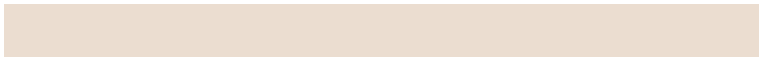
69.0465, 73.9291, 91.7820



74.1048, 73.9291, 84.0647

Rectangle

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



71.5026, 73.9291, 70.1757



68.1899, 73.9291, 71.2417



69.0465, 73.9291, 91.7820



72.3867, 73.9291, 90.5194

Sweetspot

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



71.5046, 73.9324, 70.1773



92.5905, 97.0130, 102.1245



70.0563, 68.0704, 78.8362



19.6802, 20.5965, 21.4808



0.0000, 0.0000, 0.0000



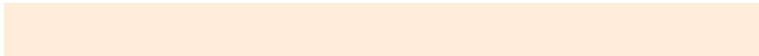
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5046, 73.9324, 70.1773



84.2037, 86.6663, 79.5153



75.0983, 81.1198, 71.3752



15.6641, 16.2513, 15.8299



22.4922, 16.6786, 2.0338



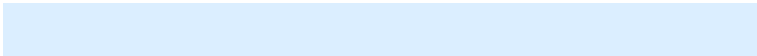
1.8621, 1.5015, 0.1917

Inverse Universe

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



67.1290, 71.6495, 88.8898



77.8717, 83.3626, 106.5941



63.7848, 64.9611, 87.7751



14.8771, 15.8407, 19.1957



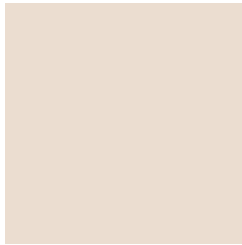
12.3350, 11.3170, 45.2772



1.0649, 1.0812, 3.5874

Previews

White Background



This preview shows how the XYZ color 71.5026, 73.9291, 70.1757 looks on a white background.

Color Contrast Check

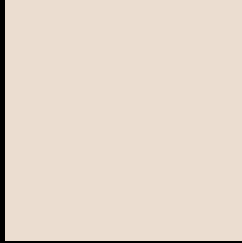
Large Text (above 18pt) WCAG AA × Fail

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 71.5026, 73.9291, 70.1757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

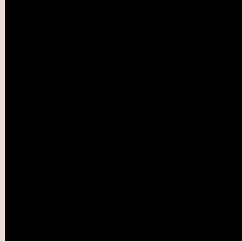
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5026, 73.9291, 70.1757

Background



This preview shows how black text looks on a background with the XYZ color 71.5026, 73.9291, 70.1757.

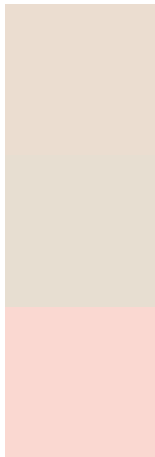


This preview shows how white text looks on a background with the XYZ color 71.5026, 73.9291,

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

71.5026, 73.9291, 70.1757

Protanopia

70.5849, 73.8349, 70.8529

Deuteranopia

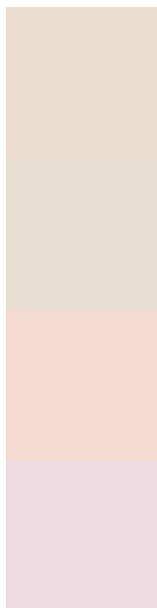
75.4888, 74.0392, 70.6339



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

71.5026, 73.9291, 70.1757

Protanomaly

70.9086, 74.0018, 70.8681

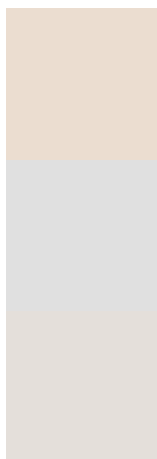
Deuteranomaly

74.2362, 74.1587, 70.7230

Tritanomaly

73.9219, 73.7562, 81.5744

Monochromacy



Original Color

71.5026, 73.9291, 70.1757

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0375, 74.3313, 76.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5026, 73.9291, 70.1757 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(235, 221, 208) looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 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(235, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.5026, 73.9291, 70.1757 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(235, 221, 208) }
```


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

```
.border{ border-color:rgb(235, 221, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 221, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5026, 73.9291, 70.1757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 208) }
```

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

```
.background{ background-color: rgb(235,  
221, 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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