

Converting Colors

XYZ(73.3274, 76.1763, 71.8780)

Have a look what the booklet for
XYZ(73.3274, 76.1763, 71.8780)
contains.

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Color

**XYZ(73.2136, 75.9690,
71.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE0D2
RGB	237, 224, 210
RGB Percent	93%, 88%, 82%
CMY	0.0706, 0.1215, 0.1765
CMYK	0.00, 0.05, 0.11, 0.07
HSL	31°, 43%, 88%
HSV	31°, 11%, 93%
XYZ	73.2136, 75.9690, 71.7775
YIQ	226.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

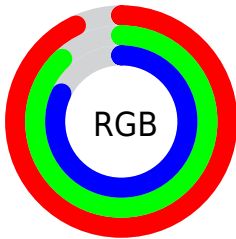
Format	Color
RYB	235, 237, 210
Decimal	15589586
CIELab	89.84, 2.11, 8.43
CIELCh	90, 8.689, 75.934
Yxy	75.9690, 0.3313, 0.3438
Android (android.graphics.Color)	4293779666 (0xFFE0D2)
YUV	226.2910, -8.0315, 9.3918
Hunter-Lab	87.1602, -2.5923, 12.1861

Details

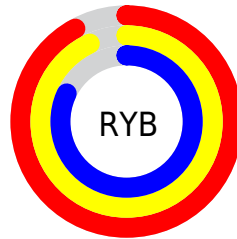
The XYZ color **73.2136, 75.9690, 71.7775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2519, 72.5901, 90.5356**, and the grayscale version is **72.5512, 76.3295, 83.1228**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2448, 40.6000, 37.2206** is the 20% darker color. If you saturate the color by 10%, you get **67.5138, 68.9495, 56.3729**, and if you desaturate by 10%, it is **79.5606, 83.5816, 89.5570**.

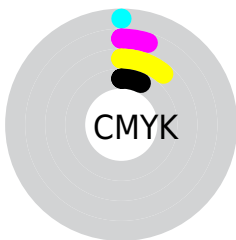
Distribution



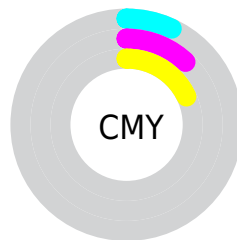
- Red (93%)
- Green (88%)
- Blue (82%)



- Red (92%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2136, 75.9690, 71.7775 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 73.2136, 75.9690, 71.7775 by changing the saturation by 10% instead.

73.2136, 75.9690,
71.7775

73.2136, 75.9690,
71.7775

460.8471,
481.2416, 485.7235

54.4396, 56.4071,
52.4912

122.7819,
127.6831, 123.4449

39.1853, 40.5294,
37.0118

154.3069,
160.6040, 156.6631

27.0853, 27.9516,
24.9208

190.8130,
198.7468, 195.3624

17.7742, 18.2891,
15.7996

232.6656,
242.4958, 239.9613

10.8867, 11.1578,
9.2296

280.2299,
292.2354, 290.8783

6.0574, 6.1731,
4.7924

333.8714,

2.9210, 2.9506,

348.3499, 348.5319

2.0694

393.9553,
411.2239, 413.3408

■ 1.1121, 1.1060,
0.5975

■ 0.0352, 0.0000,
0.0000

■ 73.2136, 75.9690,
71.7775

■ 73.2136, 75.9690,
71.7775

■ 67.5138, 68.9495,
56.3729

■ 79.5606, 83.5816,
89.5570

■ 62.4318, 62.4973,
43.2361

■ 86.1813, 91.6364,
107.7531

■ 57.9451, 56.5993,
32.2590

■ 88.7354, 96.7447,
108.6045

■ 54.0269, 51.2380,
23.3228

■ 50.6485, 46.3949,
16.2969

■ 47.7778, 42.0498,
11.0353

■ 45.3786, 38.1807,
7.3707

■ 43.4083, 34.7626,
5.1027

■ 41.9994, 32.1528,
3.9925

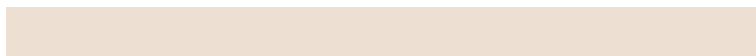
Harmonies

Analogous

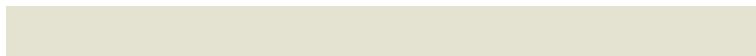
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1137, 75.9690, 74.5148



73.2136, 75.9690, 71.7775



71.0796, 75.9690, 71.8682

Triad

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



73.2136, 75.9690, 71.7775



68.3114, 75.9690, 86.0035



75.2114, 75.9690, 91.2099

Complementary

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



73.2136, 75.9690, 71.7775



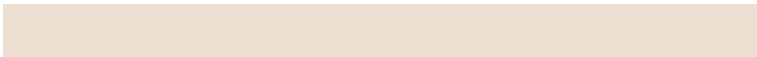
68.2519, 72.5901, 90.5356

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.



73.3448, 75.9690, 94.6068



73.2136, 75.9690, 71.7775



69.3748, 75.9690, 91.5008

Square

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



73.2136, 75.9690, 71.7775



68.2779, 75.9690, 79.8788



71.2082, 75.9690, 94.7158



76.2825, 75.9690, 85.6223

Rectangle

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



73.2136, 75.9690, 71.7775



69.8121, 75.9690, 73.5146



71.2082, 75.9690, 94.7158



74.6545, 75.9690, 92.6577

Sweetspot

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



73.2157, 75.9723, 71.7791



92.6792, 97.1902, 102.1540



71.2986, 69.4292, 79.4917



19.7041, 20.6443, 21.4888



0.0000, 0.0000, 0.0000



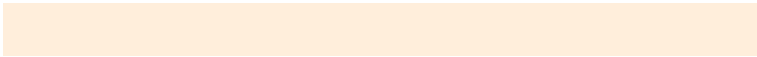
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2157, 75.9723, 71.7791



84.5870, 87.4328, 79.6431



76.6929, 83.1496, 72.9812



15.7118, 16.3466, 15.8458



23.0622, 17.8187, 2.2238



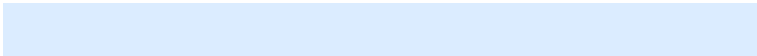
1.9072, 1.5918, 0.2067

Inverse Universe

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



68.2519, 72.5901, 90.5356



77.4885, 82.5961, 106.4663



65.0404, 65.9765, 89.4283



14.8295, 15.7454, 19.1798



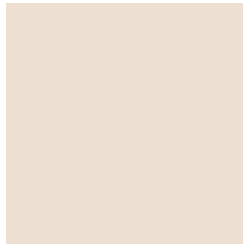
11.7654, 10.1778, 45.0874



1.0198, 0.9910, 3.5724

Previews

White Background



This preview shows how the XYZ color 73.2136, 75.9690, 71.7775 looks on a white background.

Color Contrast Check

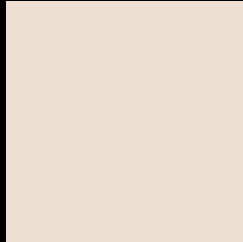
Large Text (above 18pt) WCAG AA × Fail

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 73.2136, 75.9690, 71.7775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

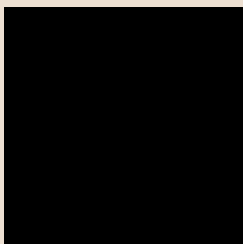
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

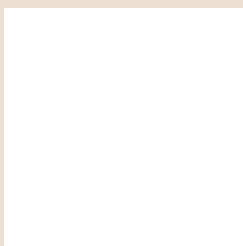
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2136, 75.9690, 71.7775

Background



This preview shows how black text looks on a background with the XYZ color 73.2136, 75.9690, 71.7775.



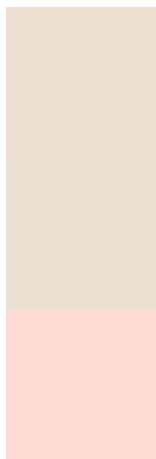
This preview shows how white text looks on a background with the XYZ color 73.2136, 75.9690,

71.7775.

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

73.2136, 75.9690, 71.7775

Protanopia

72.6148, 76.0460, 72.4792

Deuteranopia

77.3373, 75.7286, 72.1690



Tritanopia

77.1549, 76.0016, 90.7240

Trichromacy



Original Color

73.2136, 75.9690, 71.7775

Protanomaly

72.9440, 76.2157, 72.4946

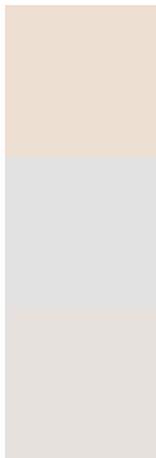
Deuteranomaly

75.7088, 75.6637, 72.2423

Tritanomaly

75.6568, 75.7842, 83.3133

Monochromacy



Original Color

73.2136, 75.9690, 71.7775

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4766, 75.8407, 78.5289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2136, 75.9690, 71.7775 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(237, 224, 210)` looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 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(237, 224, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.2136, 75.9690, 71.7775 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(237, 224, 210) }
```


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

```
.border{ border-color:rgb(237, 224, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 224, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 224, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 224, 210); box-shadow:4px 4px 4px 4px rgb(237, 224, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2136, 75.9690, 71.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 210) }
```

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

```
.background{ background-color: rgb(237,  
224, 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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