

Converting Colors

XYZ(71.6603, 76.3120, 66.6174)

Have a look what the booklet for
XYZ(71.6603, 76.3120, 66.6174)
contains.

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Color

**XYZ(71.7340, 76.5261,
66.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3CA
RGB	233, 227, 202
RGB Percent	91%, 89%, 79%
CMY	0.0863, 0.1098, 0.2078
CMYK	0.00, 0.03, 0.13, 0.09
HSL	48°, 41%, 85%
HSV	48°, 13%, 91%
XYZ	71.7340, 76.5261, 66.8673
YIQ	225.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

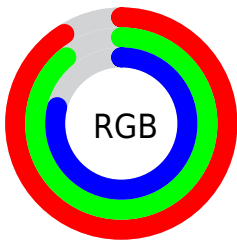
Format	Color
RYB	209, 233, 202
Decimal	15328202
CIELab	90.10, -2.11, 12.94
CIELCh	90, 13.108, 99.261
Yxy	76.5261, 0.3334, 0.3557
Android (android.graphics.Color)	4293518282 (0xFFE9E3CA)
YUV	225.9440, -11.8044, 6.1881
Hunter-Lab	87.4792, -6.7164, 15.9154

Details

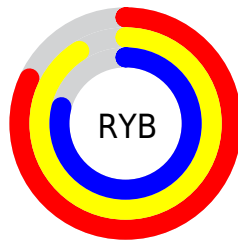
The XYZ color **71.7340, 76.5261, 66.8673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6207, 63.5501, 86.1100**, and the grayscale version is **72.3268, 76.0934, 82.8657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2293, 40.9903, 33.9140** is the 20% darker color. If you saturate the color by 10%, you get **67.9653, 73.0748, 53.0125**, and if you desaturate by 10%, it is **75.9557, 80.2153, 82.9300**.

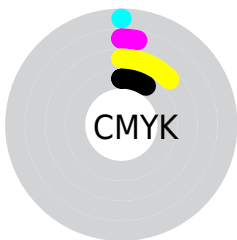
Distribution



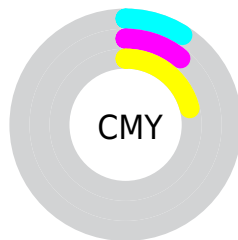
- Red (91%)
- Green (89%)
- Blue (79%)



- Red (82%)
- Yellow (91%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7340, 76.5261, 66.8673 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 71.7340, 76.5261, 66.8673 by changing the saturation by 10% instead.

71.7340, 76.5261,
66.8673

71.7340, 76.5261,
66.8673

455.7872,
483.1467, 467.9609

53.2261, 56.8640,
48.5159

120.6911,
128.4703, 116.3691

38.2115, 40.8961,
33.8727

151.8711,
161.5212, 148.3565

26.3248, 28.2379,
22.5193

188.0057,
199.8038, 185.7264

17.2008, 18.5051,
14.0370

229.4604,
243.7026, 228.8972

10.4739, 11.3132,
8.0073

276.6006,
293.6019, 278.2875

5.7790, 6.2779,
4.0118

329.7915,

2.7505, 3.0148,

349.8861, 334.3159

1.6318

389.3986,
412.9395, 397.4008

■ 1.0232, 1.1395,
0.3134

■ 0.0000, 0.0114,
0.0000

■ 71.7340, 76.5261,
66.8673

■ 71.7340, 76.5261,
66.8673

■ 67.9653, 73.0748,
53.0125

■ 75.9557, 80.2153,
82.9300

■ 64.6245, 69.8434,
41.2625

■ 80.6419, 84.1397,
101.2876

■ 61.6935, 66.8268,
31.5135

■ 82.9690, 87.1728,
107.0608

■ 59.1502, 64.0156,
23.6507

■ 84.3160, 89.8666,
107.5098

■ 56.9703, 61.3999,
17.5478

■ 85.6961, 92.6269,
107.9698

■ 55.1268, 58.9684,
13.0630

■ 87.1096, 95.4539,
108.4410

■ 53.5883, 56.7080,
10.0322

■ 87.4145, 96.0638,
108.5427

■ 52.3167, 54.6032,
8.2568

■ 51.5751, 53.2649,
7.5629

Harmonies

Analogous

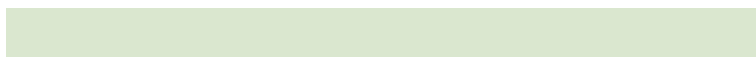
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9729, 76.5261, 67.6712



71.7340, 76.5261, 66.8673



68.8494, 76.5261, 70.2112

Triad

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



71.7340, 76.5261, 66.8673



68.0002, 76.5261, 95.1804



78.7426, 76.5261, 89.8287

Complementary

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



71.7340, 76.5261, 66.8673



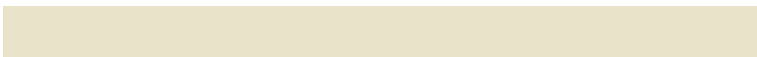
61.6207, 63.5501, 86.1100

Split Complementary

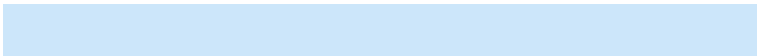
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7657, 76.5261, 97.9753



71.7340, 76.5261, 66.8673



70.5435, 76.5261, 101.2214

Square

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



71.7340, 76.5261, 66.8673



66.7363, 76.5261, 86.2395



73.7468, 76.5261, 102.2807



79.0844, 76.5261, 80.4748

Rectangle

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



71.7340, 76.5261, 66.8673



67.4919, 76.5261, 74.5003



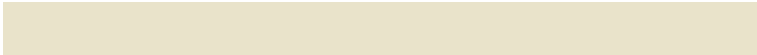
73.7468, 76.5261, 102.2807



78.2445, 76.5261, 92.8181

Sweetspot

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



71.7361, 76.5295, 66.8689



92.8248, 98.1082, 100.2706



66.1354, 64.1296, 68.6971



19.7810, 20.9242, 21.1256



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.



71.7361, 76.5295, 66.8689



86.6975, 92.7139, 77.0785



70.4479, 78.3422, 67.2867



16.0900, 17.1031, 15.9719



29.3523, 30.3989, 4.3205



2.3682, 2.5138, 0.3604

Inverse Universe

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



61.6207, 63.5501, 86.1100



71.9852, 73.8368, 105.0656



62.7794, 62.0185, 85.7533



14.4670, 15.0204, 19.0590



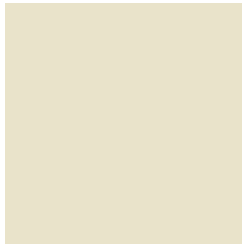
8.9470, 4.5411, 44.1479



0.7677, 0.4870, 3.4884

Previews

White Background



This preview shows how the XYZ color 71.7340, 76.5261, 66.8673 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 71.7340, 76.5261, 66.8673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

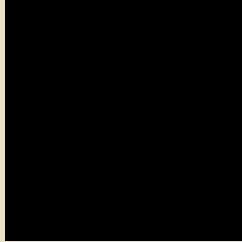
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

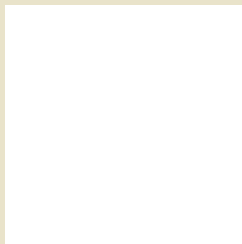
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7340, 76.5261, 66.8673

Background



This preview shows how black text looks on a background with the XYZ color 71.7340, 76.5261, 66.8673.

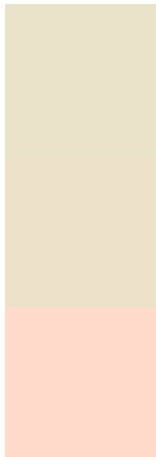


This preview shows how white text looks on a background with the XYZ color 71.7340, 76.5261,

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

71.7340, 76.5261, 66.8673

Protanopia

72.6640, 76.6143, 66.2166

Deuteranopia

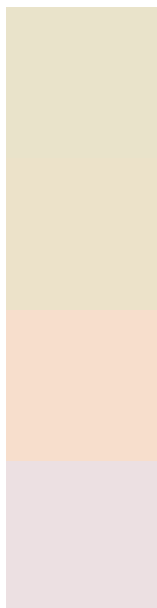
77.5910, 76.3308, 68.4014



Tritanopia

76.9612, 76.6517, 92.4003

Trichromacy



Original Color

71.7340, 76.5261, 66.8673

Protanomaly

72.3310, 76.4426, 66.2010

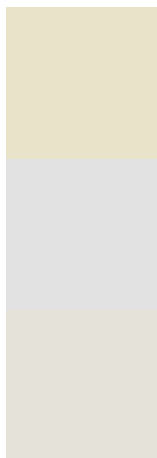
Deuteranomaly

75.3781, 76.3763, 67.8960

Tritanomaly

74.9752, 76.6352, 82.7920

Monochromacy



Original Color

71.7340, 76.5261, 66.8673

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.0338, 76.0605, 76.5302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7340, 76.5261, 66.8673 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, 227, 202) looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 202)  
}
```

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, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.7340, 76.5261, 66.8673 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, 227, 202) }
```


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

```
.border{ border-color:rgb(233, 227, 202) }
```

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

Here you see how a box with a 4 pixel rgb(233, 227, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7340, 76.5261, 66.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 202) }
```

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

```
.background{ background-color: rgb(233,  
227, 202) }
```

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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