

Converting Colors

XYZ(71.1166, 73.3536, 69.4419)

Have a look what the booklet for
XYZ(71.1166, 73.3536, 69.4419)
contains.

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Color

**XYZ(71.1166, 73.3536,
69.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDCCF
RGB	235, 220, 207
RGB Percent	92%, 86%, 81%
CMY	0.0784, 0.1372, 0.1882
CMYK	0.00, 0.06, 0.12, 0.08
HSL	28°, 41%, 87%
HSV	28°, 12%, 92%
XYZ	71.1166, 73.3536, 69.4419
YIQ	223.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

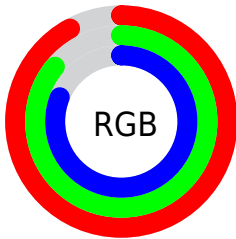
Format	Color
R_{YB}	235, 231, 207
Decimal	15457487
CIE _{Lab}	88.62, 2.99, 8.22
CIE _{LCh}	89, 8.746, 70.007
Yxy	73.3536, 0.3325, 0.3429
Android (android.graphics.Color)	4293647567 (0xFFEBDCCF)
YUV	223.0030, -7.8895, 10.5214
Hunter-Lab	85.6467, -1.6646, 11.8807

Details

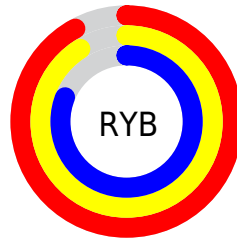
The XYZ color **71.1166, 73.3536, 69.4419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8484, 71.5045, 88.8763**, and the grayscale version is **70.1908, 73.8462, 80.4185**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7953, 38.7939, 35.6329** is the 20% darker color. If you saturate the color by 10%, you get **65.2756, 65.9318, 54.3597**, and if you desaturate by 10%, it is **77.6380, 81.4504, 86.8624**.

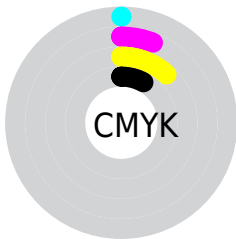
Distribution



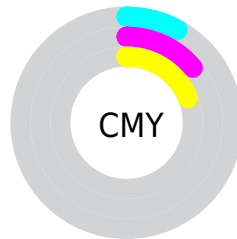
- Red (92%)
- Green (86%)
- Blue (81%)



- Red (92%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1166, 73.3536, 69.4419 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 71.1166, 73.3536, 69.4419 by changing the saturation by 10% instead.

71.1166, 73.3536,
69.4419

71.1166, 73.3536,
69.4419

453.6664,
472.2394, 477.3241

52.7202, 54.2651,
50.5977

119.8173,
123.9791, 120.0862

37.8061, 38.8137,
35.5140

150.8524,
156.2849, 152.7233

26.0087, 26.6148,
23.7724

186.8312,
193.7652, 190.7951

16.9629, 17.2841,
14.9542

228.1188,
236.8046, 234.7202

10.3032, 10.4373,
8.6410

275.0809,
285.7872, 284.9171

5.6642, 5.6898,
4.4142

328.0826,

2.6807, 2.6574,

341.0977, 341.8044

1.8552

387.4893,
403.1203, 405.8005

■ 0.9873, 0.9556,
0.4640

■ 0.0000, 0.0000,
0.0000

■ 71.1166, 73.3536,
69.4419

■ 71.1166, 73.3536,
69.4419

■ 65.2756, 65.9318,
54.3597

■ 77.6380, 81.4504,
86.8624

■ 60.0846, 59.1567,
41.5100

■ 84.8568, 90.2300,
106.7111

■ 55.5200, 53.0124,
30.7860

■ 88.0712, 96.4023,
108.5734

■ 51.5537, 47.4783,
22.0702

■ 48.1558, 42.5326,
15.2335

■ 45.2927, 38.1519,
10.1313

■ 42.9269, 34.3106,
6.5979

■ 41.0140, 30.9798,
4.4342

■ 39.7455, 28.6308,
3.4315

Harmonies

Analogous

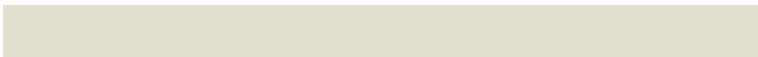
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8740, 73.3536, 72.6312



71.1166, 73.3536, 69.4419



69.0179, 73.3536, 68.9662

Triad

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



71.1166, 73.3536, 69.4419



65.8013, 73.3536, 81.9054



72.3609, 73.3536, 89.1030

Complementary

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



71.1166, 73.3536, 69.4419



66.8484, 71.5045, 88.8763

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.



70.4277, 73.3536, 91.8656



71.1166, 73.3536, 69.4419



66.6591, 73.3536, 87.5736

Square

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



71.1166, 73.3536, 69.4419



65.9773, 73.3536, 75.9629



68.3426, 73.3536, 91.2922



73.6024, 73.3536, 83.9080

Rectangle

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



71.1166, 73.3536, 69.4419



67.7113, 73.3536, 70.2255



68.3426, 73.3536, 91.2922



71.7688, 73.3536, 90.3585

Sweetspot

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



71.1186, 73.3568, 69.4435



91.7329, 95.9244, 99.9066



69.8131, 67.5842, 78.7550



19.5043, 20.3709, 21.0334



0.0000, 0.0000, 0.0000



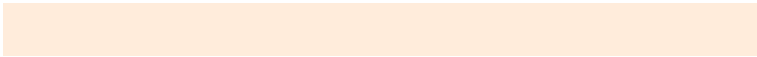
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1186, 73.3568, 69.4435



84.0269, 86.3126, 79.4564



74.8332, 80.7859, 70.6816



15.6421, 16.2072, 15.8226



22.2450, 16.1843, 1.9514



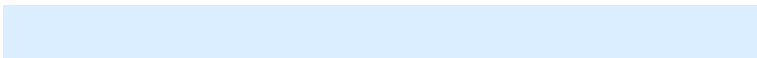
1.8422, 1.4617, 0.1850

Inverse Universe

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



66.8484, 71.5045, 88.8763



78.0505, 83.7200, 106.6536



63.3820, 64.5717, 87.7208



14.8993, 15.8850, 19.2031



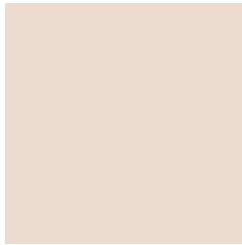
12.6167, 11.8804, 45.3711



1.0869, 1.1252, 3.5948

Previews

White Background



This preview shows how the XYZ color 71.1166, 73.3536, 69.4419 looks on a white background.

Color Contrast Check

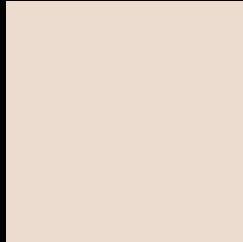
Large Text (above 18pt) WCAG AA × Fail

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 71.1166, 73.3536, 69.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

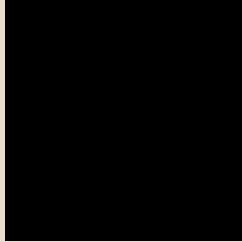
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1166, 73.3536, 69.4419

Background



This preview shows how black text looks on a background with the XYZ color 71.1166, 73.3536, 69.4419.



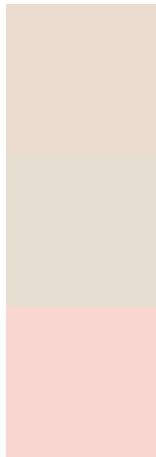
This preview shows how white text looks on a background with the XYZ color 71.1166, 73.3536,

69.4419.

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

71.1166, 73.3536, 69.4419

Protanopia

70.1396, 73.6196, 70.1878

Deuteranopia

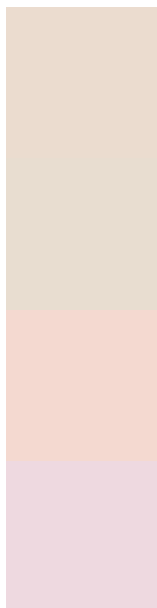
74.7525, 73.2947, 69.8819



Tritanopia

74.8605, 73.3456, 87.3023

Trichromacy



Original Color

71.1166, 73.3536, 69.4419

Protanomaly

70.5203, 73.4228, 70.1297

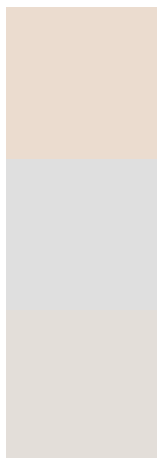
Deuteranomaly

73.5062, 73.4129, 69.9704

Tritanomaly

73.5273, 73.1847, 80.7718

Monochromacy



Original Color

71.1166, 73.3536, 69.4419

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3242, 73.5832, 76.1421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1166, 73.3536, 69.4419 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, 220, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 207)  
}
```

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, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.1166, 73.3536, 69.4419 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, 220, 207) }
```


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

```
.border{ border-color:rgb(235, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1166, 73.3536, 69.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 207) }
```

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

```
.background{ background-color: rgb(235,  
220, 207) }
```

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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