

Converting Colors

XYZ(73.0509, 76.7306, 69.9918)

Have a look what the booklet for
XYZ(73.0509, 76.7306, 69.9918)
contains.

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Color

**XYZ(73.0509, 76.7306,
69.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE2CF
RGB	236, 226, 207
RGB Percent	93%, 89%, 81%
CMY	0.0745, 0.1137, 0.1882
CMYK	0.00, 0.04, 0.12, 0.07
HSL	39°, 43%, 87%
HSV	39°, 12%, 93%
XYZ	73.0509, 76.7306, 69.9918
YIQ	226.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

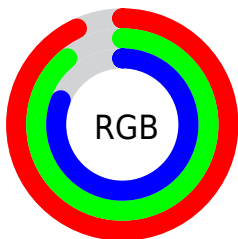
Format	Color
R _Y B	222, 236, 207
Decimal	15524559
CIE Lab	90.20, 0.25, 10.49
CIE LCh	90, 10.495, 88.621
Yxy	76.7306, 0.3324, 0.3491
Android (android.graphics.Color)	4293714639 (0xFFECE2CF)
YUV	226.8240, -9.7732, 8.0474
Hunter-Lab	87.5960, -4.4325, 13.9427

Details

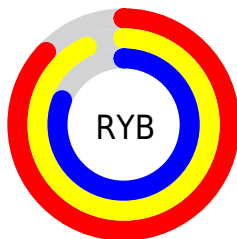
The XYZ color **73.0509, 76.7306, 69.9918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6851, 68.9458, 89.2034**, and the grayscale version is **72.9502, 76.7493, 83.5800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1351, 41.1290, 36.0130** is the 20% darker color. If you saturate the color by 10%, you get **68.2196, 71.3450, 55.1947**, and if you desaturate by 10%, it is **78.4226, 82.5054, 87.0986**.

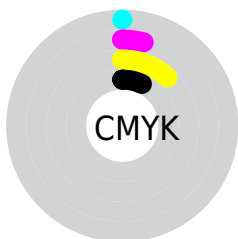
Distribution



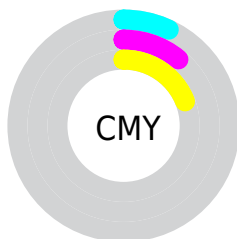
- Red (93%)
- Green (89%)
- Blue (81%)



- Red (87%)
- Yellow (93%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0509, 76.7306, 69.9918 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 73.0509, 76.7306, 69.9918 by changing the saturation by 10% instead.

73.0509, 76.7306,
69.9918

73.0509, 76.7306,
69.9918

460.2923,
483.8450, 479.3096

54.3061, 57.0318,
51.0431

122.5522,
128.7591, 120.8781

39.0781, 41.0308,
35.8659

154.0394,
161.8576, 153.6527

27.0015, 28.3431,
24.0418

190.5049,
200.1915, 191.8731

17.7109, 18.5845,
15.1521

232.3138,
244.1451, 235.9577

10.8411, 11.3704,
8.7784

279.8317,
294.1029, 286.3251

6.0266, 6.3166,
4.5021

333.4238,

2.9021, 3.0385,

350.4492, 343.3939

1.9046

393.4556,
413.5684, 407.5825

■ 1.1022, 1.1519,
0.4957

■ 0.0269, 0.0219,
0.0000

■ 73.0509, 76.7306,
69.9918

■ 73.0509, 76.7306,
69.9918

■ 68.2196, 71.3450,
55.1947

■ 78.4226, 82.5054,
87.0986

■ 63.9020, 66.3279,
42.6013

■ 84.3479, 88.6693,
106.6048

■ 60.0782, 61.6715,
32.1050

■ 86.9549, 93.6782,
108.1064

■ 56.7245, 57.3641,
23.5881

■ 88.4023, 96.5730,
108.5889

■ 53.8148, 53.3927,
16.9210

■ 51.3200, 49.7431,
11.9587

■ 49.2071, 46.3996,
8.5344

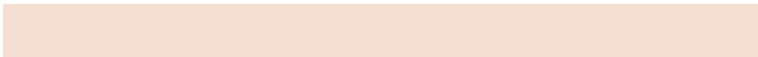
■ 47.4363, 43.3436,
6.4469

■ 46.2571, 41.1626,
5.5072

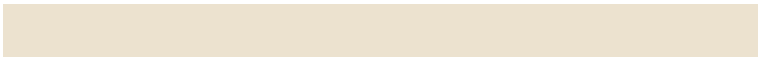
Harmonies

Analogous

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



75.5734, 76.7306, 71.8719



73.0509, 76.7306, 69.9918



70.5536, 76.7306, 71.5597

Triad

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



73.0509, 76.7306, 69.9918



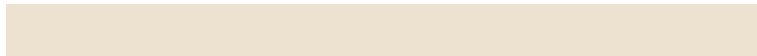
68.6149, 76.7306, 90.6189



77.2971, 76.7306, 91.2524

Complementary

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



73.0509, 76.7306, 69.9918



65.6851, 68.9458, 89.2034

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.



75.3595, 76.7306, 96.8024



73.0509, 76.7306, 69.9918



70.3493, 76.7306, 96.4216

Square

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



73.0509, 76.7306, 69.9918



68.0294, 76.7306, 83.2014



72.8095, 76.7306, 98.7473



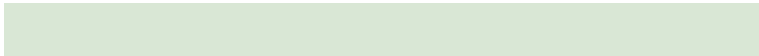
78.0608, 76.7306, 83.8927

Rectangle

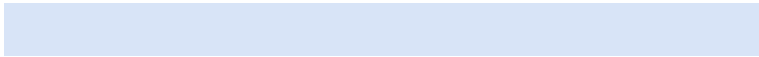
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0509, 76.7306, 69.9918



69.2305, 76.7306, 74.4053



72.8095, 76.7306, 98.7473



76.7592, 76.7306, 93.4075

Sweetspot

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



73.0530, 76.7340, 69.9934



92.3396, 97.1378, 100.1089



69.4497, 67.4771, 75.1129



19.6579, 20.6781, 21.0846



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.



73.0530, 76.7340, 69.9934



85.4294, 89.6519, 78.2772



74.4239, 81.5939, 70.8592



15.8896, 16.7021, 15.9051



25.6228, 22.9399, 3.0774



2.1011, 1.9794, 0.2713

Inverse Universe

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



65.6851, 68.9458, 89.2034



74.8693, 78.4900, 105.8118



64.4185, 64.5835, 88.4282



14.6557, 15.3978, 19.1219



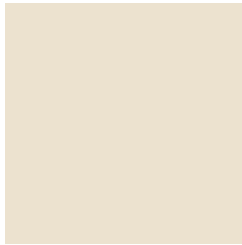
10.0902, 6.8273, 44.5290



0.8791, 0.7097, 3.5255

Previews

White Background



This preview shows how the XYZ color 73.0509, 76.7306, 69.9918 looks on a white background.

Color Contrast Check

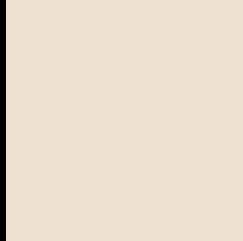
Large Text (above 18pt) WCAG AA × Fail

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 73.0509, 76.7306, 69.9918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

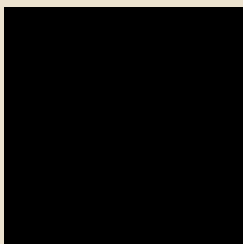
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

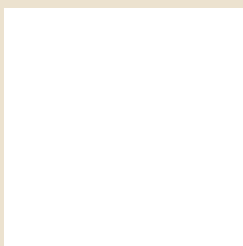
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0509, 76.7306, 69.9918

Background



This preview shows how black text looks on a background with the XYZ color 73.0509, 76.7306, 69.9918.



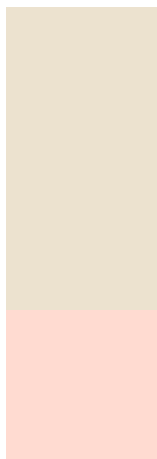
This preview shows how white text looks on a background with the XYZ color 73.0509, 76.7306, 69.9918.

69.9918.

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

73.0509, 76.7306, 69.9918

Protanopia

73.0509, 76.7306, 69.9918

Deuteranopia

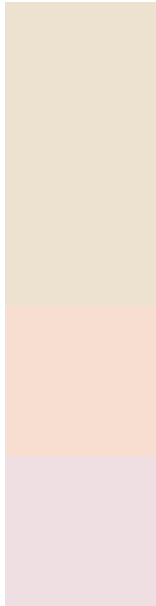
78.0801, 76.5265, 70.9774



Tritanopia

77.3716, 76.4702, 92.3436

Trichromacy



Original Color

73.0509, 76.7306, 69.9918

Protanomaly

73.0509, 76.7306, 69.9918

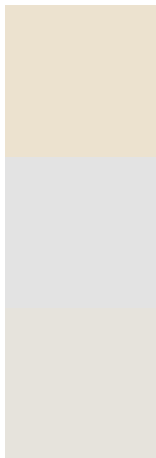
Deuteranomaly

76.2178, 76.7531, 70.4722

Tritanomaly

75.8494, 76.6721, 83.4746

Monochromacy



Original Color

73.0509, 76.7306, 69.9918

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0205, 76.9285, 78.7102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0509, 76.7306, 69.9918 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(236, 226, 207) looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 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(236, 226, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.0509, 76.7306, 69.9918 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(236, 226, 207) }
```


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

```
.border{ border-color:rgb(236, 226, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0509, 76.7306, 69.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 207) }
```

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

```
.background{ background-color: rgb(236,  
226, 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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