

Converting Colors

XYZ(72.7845, 79.3889, 70.2622)

Have a look what the booklet for
XYZ(72.7845, 79.3889, 70.2622)
contains.

XYZ(73.0345, 79.6058, 70.5476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0345, 79.6058,
70.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E9CF
RGB	230, 233, 207
RGB Percent	90%, 91%, 81%
CMY	0.0980, 0.0863, 0.1882
CMYK	0.01, 0.00, 0.11, 0.09
HSL	67°, 37%, 86%
HSV	67°, 11%, 91%
XYZ	73.0345, 79.6058, 70.5476
YIQ	229.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

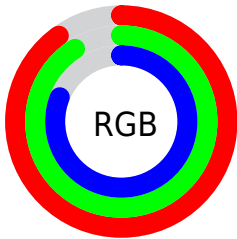
Format	Color
RYB	207, 233, 210
Decimal	15133135
CIELab	91.51, -5.43, 12.30
CIELCh	92, 13.441, 113.825
Yxy	79.6058, 0.3272, 0.3567
Android (android.graphics.Color)	4293323215 (0xFFE6E9CF)
YUV	229.1390, -10.9145, 0.7551
Hunter-Lab	89.2221, -10.0239, 15.5751

Details

The XYZ color **73.0345, 79.6058, 70.5476** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.6023, 64.2126, 86.1371**, and the grayscale version is **74.6547, 78.5426, 85.5329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9275, 42.7429, 36.3355** is the 20% darker color. If you saturate the color by 10%, you get **69.5369, 78.1103, 56.5952**, and if you desaturate by 10%, it is **76.9702, 81.2833, 86.7182**.

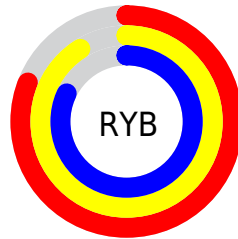
Distribution



Red (90%)

Green (91%)

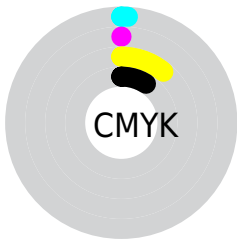
Blue (81%)



Red (81%)

Yellow (91%)

Blue (82%)

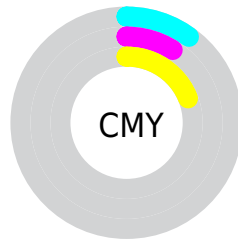


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0345, 79.6058, 70.5476 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 73.0345, 79.6058, 70.5476 by changing the saturation by 10% instead.

73.0345, 79.6058,
70.5476

73.0345, 79.6058,
70.5476

460.2363,
493.6034, 481.3114

54.2927, 59.3940,
51.4935

122.5291,
132.8114, 121.6778

39.0673, 42.9304,
36.2221

154.0125,
166.5739, 154.5909

26.9930, 29.8305,
24.3147

190.4738,
205.6222, 192.9609

17.7045, 19.7100,
15.3529

232.2784,
250.3407, 237.2062

10.8365, 12.1844,
8.9181

279.7915,
301.1136, 287.7453

6.0235, 6.8694,
4.5917

333.3787,

2.9002, 3.3805,

358.3254, 344.9969

1.9552

393.4052,
422.3605, 409.3794

■ 1.1012, 1.3335,
0.5275

■ 0.0261, 0.1669,
0.0000

■ 73.0345, 79.6058,
70.5476

■ 73.0345, 79.6058,
70.5476

■ 69.5369, 78.1103,
56.5952

■ 76.9702, 81.2833,
86.7182

■ 66.4526, 76.7791,
44.7592

■ 81.3548, 83.1393,
105.1925

■ 63.7639, 75.6076,
34.9376

■ 82.4766, 83.6917,
106.4149

■ 61.4495, 74.5874,
27.0179

■ 83.3878, 84.1614,
106.4575

■ 59.4858, 73.7089,
20.8766

■ 84.3126, 84.6382,
106.5008

■ 57.8464, 72.9618,
16.3756

■ 85.2510, 85.1219,
106.5447

■ 56.5014, 72.3338,
13.3567

■ 86.2031, 85.6128,
106.5893

■ 55.4147, 71.8107,
11.6302

■ 87.1690, 86.1107,
106.6345

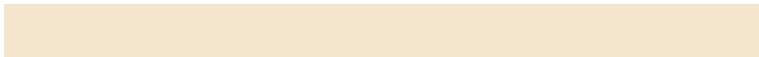
■ 54.6169, 71.4146,
10.9058

■ 88.1486, 86.6157,
106.6803

Harmonies

Analogous

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



76.3733, 79.6058, 69.2503



73.0345, 79.6058, 70.5476



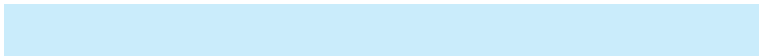
70.4719, 79.6058, 76.0174

Triad

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



73.0345, 79.6058, 70.5476



71.8430, 79.6058, 102.8057



82.3990, 79.6058, 88.7212

Complementary

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



73.0345, 79.6058, 70.5476



63.6023, 64.2126, 86.1371

Split Complementary

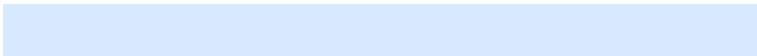
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1028, 79.6058, 98.2896



73.0345, 79.6058, 70.5476



74.9570, 79.6058, 106.8069

Square

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



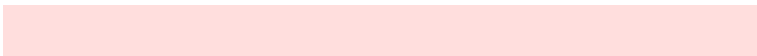
73.0345, 79.6058, 70.5476



69.7987, 79.6058, 94.5190



78.3537, 79.6058, 105.0950



81.8468, 79.6058, 79.2816

Rectangle

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



73.0345, 79.6058, 70.5476



69.5143, 79.6058, 81.5301



78.3537, 79.6058, 105.0950



82.1638, 79.6058, 92.0365

Sweetspot

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



73.0367, 79.6093, 70.5493



93.5181, 99.3498, 102.5266



67.8173, 67.7267, 68.5308



19.9309, 21.2285, 21.5896



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

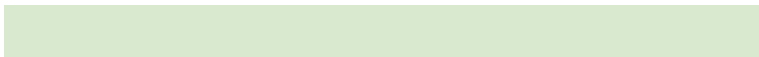
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0367, 79.6093, 70.5493



88.7695, 97.3266, 83.1091



69.1385, 77.5997, 70.3669



16.1706, 17.5335, 16.0507



31.0572, 40.5550, 6.1910



2.4874, 3.2096, 0.4884

Inverse Universe

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



63.6023, 64.2126, 86.1371



75.3954, 75.5000, 105.2069



67.3316, 66.1352, 86.3117



14.3928, 14.6323, 18.9880



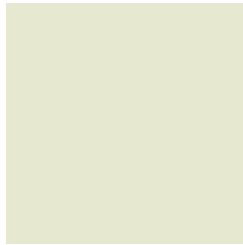
8.6532, 3.4968, 43.9618



0.7328, 0.3021, 3.4546

Previews

White Background



This preview shows how the XYZ color 73.0345, 79.6058, 70.5476 looks on a white background.

Color Contrast Check

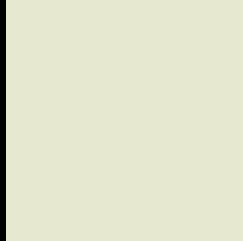
Large Text (above 18pt) WCAG AA × Fail

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 73.0345, 79.6058, 70.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

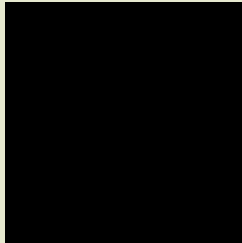
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

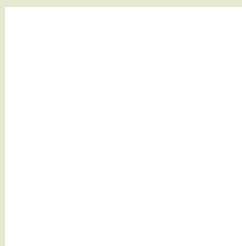
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0345, 79.6058, 70.5476

Background



This preview shows how black text looks on a background with the XYZ color 73.0345, 79.6058, 70.5476.

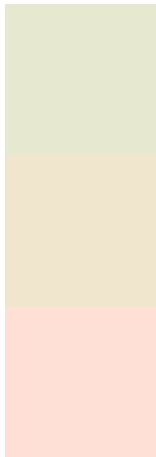


This preview shows how white text looks on a background with the XYZ color 73.0345, 79.6058,

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

73.0345, 79.6058, 70.5476

Protanopia

75.2514, 79.5267, 69.1416

Deuteranopia

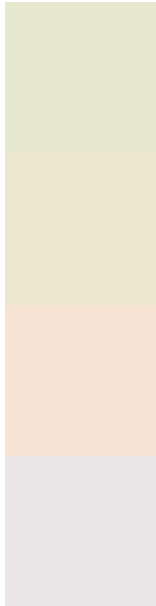
80.0333, 79.4263, 74.7309



Tritanopia

78.5426, 79.3636, 97.5653

Trichromacy



Original Color

73.0345, 79.6058, 70.5476

Protanomaly

74.3086, 79.4409, 69.8097

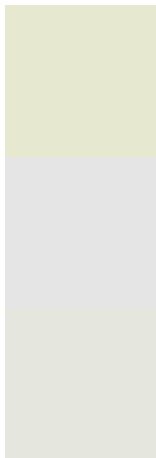
Deuteranomaly

77.2330, 79.2341, 72.8511

Tritanomaly

76.3748, 79.3006, 86.8825

Monochromacy



Original Color

73.0345, 79.6058, 70.5476

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6611, 78.4721, 79.6709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0345, 79.6058, 70.5476 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(230, 233, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 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(230, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.0345, 79.6058, 70.5476 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(230, 233, 207) }
```


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

```
.border{ border-color:rgb(230, 233, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 233, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0345, 79.6058, 70.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 207) }
```

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

```
.background{ background-color: rgb(230,  
233, 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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