

Converting Colors

XYZ(73.0345, 83.9370, 50.8802)

Have a look what the booklet for
XYZ(73.0345, 83.9370, 50.8802)
contains.

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Color

**XYZ(73.0345, 83.9370,
50.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	EA F2 AB
RGB	234, 242, 171
RGB Percent	92%, 95%, 67%
CMY	0.0824, 0.0510, 0.3294
CMYK	0.03, 0.00, 0.29, 0.05
HSL	67°, 73%, 81%
HSV	67°, 29%, 95%
XYZ	73.0345, 83.9370, 50.8802
YIQ	231.5140, 18.0230, -23.7770

Conversions

Conversions Part 2

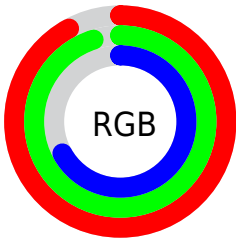
Format	Color
RYB	171, 242, 179
Decimal	15397547
CIELab	93.42, -13.69, 33.46
CIELCh	93, 36.151, 112.245
Yxy	83.9370, 0.3514, 0.4038
Android (android.graphics.Color)	4293587627 (0xFFEAF2AB)
YUV	231.5140, -29.8334, 2.1802
Hunter-Lab	91.6171, -18.0350, 31.2049

Details

The XYZ color **73.0345, 83.9370, 50.8802** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **49.1836, 45.1226, 90.1265**, and the grayscale version is **76.5467, 80.5331, 87.7006**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **38.9604, 45.7729, 23.9212** is the 20% darker color. If you saturate the color by 10%, you get **70.0476, 82.6424, 39.7819**, and if you desaturate by 10%, it is **76.4619, 85.4151, 64.2069**.

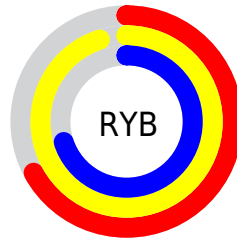
Distribution



Red (92%)

Green (95%)

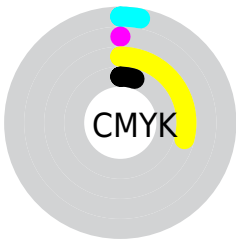
Blue (67%)



Red (67%)

Yellow (95%)

Blue (70%)

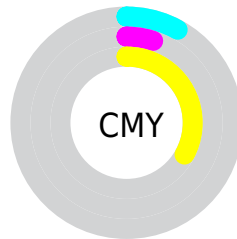


Cyan (3%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0345, 83.9370, 50.8802 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, 83.9370, 50.8802 by changing the saturation by 10% instead.

73.0345, 83.9370,
50.8802

73.0345, 83.9370,
50.8802

460.2363,
508.1040, 406.9314

54.2927, 62.9634,
35.7372

122.5291,
138.8870, 92.8874

39.0673, 45.8116,
23.9432

154.0125,
173.6323, 120.5886

26.9930, 32.0972,
15.0797

190.4738,
213.7369, 153.3130

17.7045, 21.4357,
8.7281

232.2784,
259.5853, 191.4791

10.8365, 13.4429,
4.4699

279.7915,
311.5618, 235.5055

6.0235, 7.7342,
1.8865

333.3787,

2.9002, 3.9254,

370.0508, 285.8106

0.4841

393.4052,
435.4367, 342.8131

■ 1.1012, 1.6319,
0.0000

■ 0.0261, 0.3790,
0.0000

■ 73.0345, 83.9370,
50.8802

■ 73.0345, 83.9370,
50.8802

■ 70.0476, 82.6424,
39.7819

■ 76.4619, 85.4151,
64.2069

■ 67.4716, 81.5109,
30.7853

■ 80.3447, 87.0742,
79.8691

■ 65.2833, 80.5361,
23.7589

■ 84.7050, 88.9258,
97.9731

■ 63.4545, 79.7066,
18.5544

■ 87.4305, 90.1251,
107.3955

■ 61.9530, 79.0096,
15.0026

■ 88.3891, 90.6193,
107.4404

■ 60.7405, 78.4298,
12.9026

■ 89.3619, 91.1208,
107.4859

■ 59.7575, 77.9433,
11.9409

■ 90.3488, 91.6295,
107.5321

■ 59.6959, 77.9125,
11.8923

■ 91.0440, 91.9879,
107.5647

Harmonies

Analogous

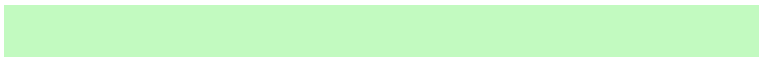
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2807, 83.9370, 48.5943



73.0345, 83.9370, 50.8802



66.1369, 83.9370, 62.8515

Triad

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



73.0345, 83.9370, 50.8802



69.0663, 83.9370, 139.5420



99.3718, 83.9370, 98.6674

Complementary

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



73.0345, 83.9370, 50.8802



49.1836, 45.1226, 90.1265

Split Complementary

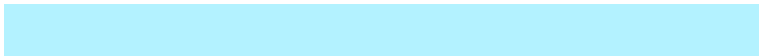
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1802, 83.9370, 127.4830



73.0345, 83.9370, 50.8802



77.3297, 83.9370, 153.9596

Square

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



73.0345, 83.9370, 50.8802



63.9764, 83.9370, 112.7597



86.9277, 83.9370, 149.1548



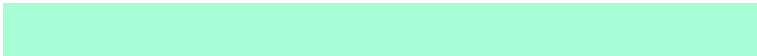
97.9919, 83.9370, 72.9120

Rectangle

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



73.0345, 83.9370, 50.8802



63.5530, 83.9370, 76.2898



86.9277, 83.9370, 149.1548



98.5568, 83.9370, 108.3688

Sweetspot

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



73.0366, 83.9407, 50.8820



90.6270, 98.1216, 90.5440



59.9118, 53.7004, 45.7367



19.2538, 20.9406, 18.7905



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

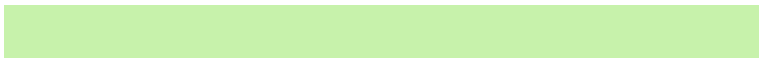
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0366, 83.9407, 50.8820



80.2542, 93.6651, 49.8056



62.7654, 78.6457, 50.4013



16.9372, 18.3633, 16.8015



32.1410, 41.8909, 6.3917



2.7233, 3.5104, 0.5340

Inverse Universe

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



49.1836, 45.1226, 90.1265



49.5031, 43.6100, 100.4162



58.2076, 49.7746, 90.5488



15.0627, 15.3140, 19.8836



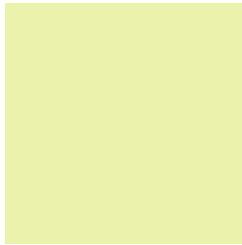
8.9128, 3.6001, 45.3530



0.7954, 0.3273, 3.7755

Previews

White Background



This preview shows how the XYZ color 73.0345, 83.9370, 50.8802 looks on a white background.

Color Contrast Check

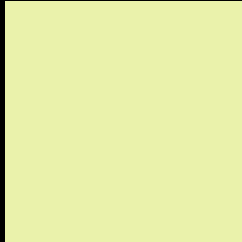
Large Text (above 18pt) WCAG AA × Fail

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, 83.9370, 50.8802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

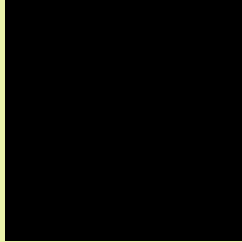
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0345, 83.9370, 50.8802

Background



This preview shows how black text looks on a background with the XYZ color 73.0345, 83.9370, 50.8802.

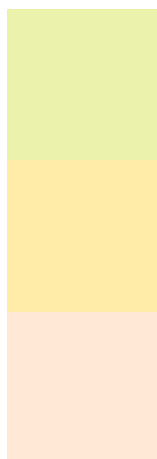


This preview shows how white text looks on a background with the XYZ color 73.0345, 83.9370,

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, 83.9370, 50.8802

Protanopia

77.9364, 83.8889, 49.1303

Deuteranopia

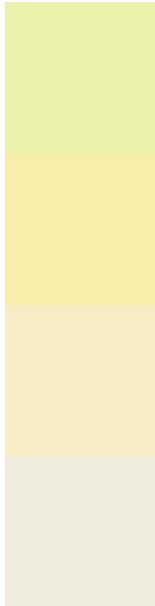
82.1069, 83.7773, 74.7939



Tritanopia

83.4202, 83.8484, 102.2301

Trichromacy



Original Color

73.0345, 83.9370, 50.8802

Protanomaly

76.0937, 83.7878, 49.6982

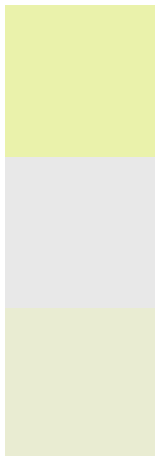
Deuteranomaly

78.5463, 83.8423, 65.4694

Tritanomaly

78.9818, 83.7366, 80.4066

Monochromacy



Original Color

73.0345, 83.9370, 50.8802

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2326, 81.9677, 72.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0345, 83.9370, 50.8802 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(234, 242, 171)` looks like.

```
.text, #text, p{  
    color:rgb(234, 242, 171)  
}
```

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(234, 242, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 242, 171) }
```

Border

The CSS property to change the border of an element to XYZ 73.0345, 83.9370, 50.8802 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(234, 242, 171) }
```


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

```
.border{ border-color:rgb(234, 242, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 242, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 242, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 242, 171);  
box-shadow:4px 4px 4px 4px rgb(234, 242,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0345, 83.9370, 50.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 242, 171) }
```

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

```
.background{ background-color: rgb(234,  
242, 171) }
```

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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