

Converting Colors

XYZ(73.4946, 83.4322, 64.4566)

Have a look what the booklet for
XYZ(73.4946, 83.4322, 64.4566)
contains.

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Color

**XYZ(73.4140, 83.3901,
64.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F1C4
RGB	228, 241, 196
RGB Percent	89%, 95%, 77%
CMY	0.1059, 0.0549, 0.2314
CMYK	0.05, 0.00, 0.19, 0.05
HSL	77°, 62%, 86%
HSV	77°, 19%, 95%
XYZ	73.4140, 83.3901, 64.4511
YIQ	231.9830, 6.6970, -16.7510

Conversions

Conversions Part 2

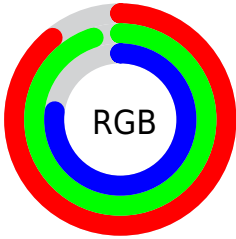
Format	Color
RYB	196, 241, 209
Decimal	15004100
CIELab	93.18, -11.87, 20.32
CIELCh	93, 23.534, 120.281
Yxy	83.3901, 0.3318, 0.3769
Android (android.graphics.Color)	4293194180 (0xFFE4F1C4)
YUV	231.9830, -17.7396, -3.4931
Hunter-Lab	91.3182, -16.3042, 22.0767

Details

The XYZ color **73.4140, 83.3901, 64.4511** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.9149, 59.3883, 91.4235**, and the grayscale version is **76.8160, 80.8164, 88.0091**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **39.2447, 45.4216, 32.2900** is the 20% darker color. If you saturate the color by 10%, you get **68.7238, 81.2667, 51.0440**, and if you desaturate by 10%, it is **78.6384, 85.7430, 80.1868**.

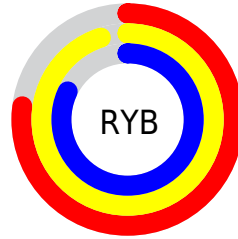
Distribution



Red (89%)

Green (95%)

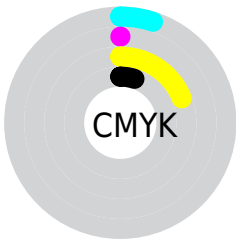
Blue (77%)



Red (77%)

Yellow (95%)

Blue (82%)

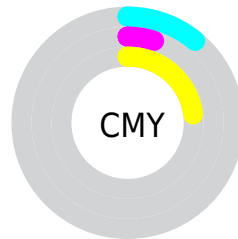


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (11%)

Magenta (5%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4140, 83.3901, 64.4511 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 73.4140, 83.3901, 64.4511 by changing the saturation by 10% instead.

73.4140, 83.3901,
64.4511

73.4140, 83.3901,
64.4511

461.5300,
506.2857, 459.0689

54.6041, 62.5120,
46.5676

123.0647,
138.1217, 112.8660

39.3175, 45.4465,
32.3421

154.6363,
172.7440, 144.2346

27.1886, 31.8093,
21.3559

191.1925,
212.7165, 180.9352

17.8522, 21.2159,
13.1907

233.0986,
258.4236, 223.3865

10.9430, 13.2819,
7.4277

280.7201,
310.2496, 272.0070

6.0955, 7.6229,
3.6485

334.4223,

2.9445, 3.8546,

368.5791, 327.2152

1.4346

394.5704,
433.7963, 389.4297

■ 1.1245, 1.5926,
0.1685

■ 0.0454, 0.3526,
0.0000

■ 73.4140, 83.3901,
64.4511

■ 73.4140, 83.3901,
64.4511

■ 68.7238, 81.2667,
51.0440

■ 78.6384, 85.7430,
80.1868

■ 64.5391, 79.3528,
39.8494

■ 84.4109, 88.3229,
98.3488

■ 60.8383, 77.6426,
30.7495

■ 88.5362, 90.2543,
107.3622

■ 57.5955, 76.1254,
23.6133

■ 90.7470, 91.3940,
107.4657

■ 54.7820, 74.7898,
18.2951

■ 52.3651, 73.6225,
14.6289

■ 50.3064, 72.6080,
12.4184

■ 48.5504, 71.7240,
11.3771

■ 48.3303, 71.6125,
11.2753

Harmonies

Analogous

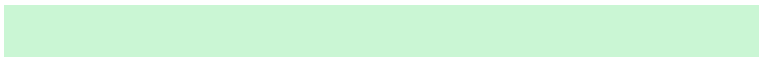
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2014, 83.3901, 60.8245



73.4140, 83.3901, 64.4511



69.3753, 83.3901, 74.9407

Triad

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



73.4140, 83.3901, 64.4511



73.5101, 83.3901, 123.6990



91.7545, 83.3901, 90.6305

Complementary

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



73.4140, 83.3901, 64.4511



61.9149, 59.3883, 91.4235

Split Complementary

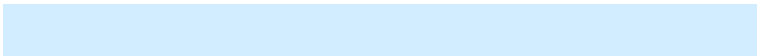
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0412, 83.3901, 108.7471



73.4140, 83.3901, 64.4511



79.3182, 83.3901, 129.2850

Square

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



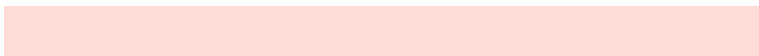
73.4140, 83.3901, 64.4511



69.4287, 83.3901, 109.0741



85.4079, 83.3901, 123.4936



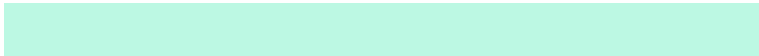
89.9777, 83.3901, 74.6861

Rectangle

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



73.4140, 83.3901, 64.4511



68.1082, 83.3901, 85.1696



85.4079, 83.3901, 123.4936



91.5667, 83.3901, 96.6683

Sweetspot

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



73.4162, 83.3938, 64.4529



91.0757, 98.2245, 96.3636



68.9816, 68.1673, 61.7476



19.4043, 20.9840, 20.3468



0.0000, 0.0000, 0.0000



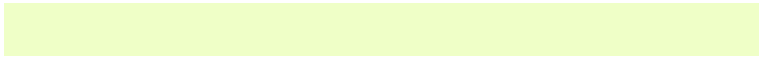
20.3446, 21.4041, 23.3091

Same Dimension

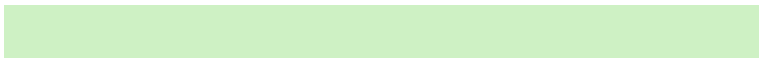
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4162, 83.3938, 64.4529



81.5824, 93.9528, 67.8068



66.8061, 79.9861, 64.1435



16.6520, 18.2163, 16.7882



26.3471, 38.9040, 6.1206



2.2898, 3.2869, 0.5138

Inverse Universe

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



61.9149, 59.3883, 91.4235



66.5075, 62.4848, 103.1632



68.6558, 62.8634, 91.7389



15.3263, 15.4499, 19.8960



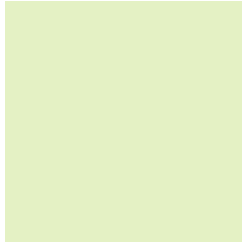
10.0810, 4.2023, 45.4077



0.9336, 0.3985, 3.7819

Previews

White Background



This preview shows how the XYZ color 73.4140, 83.3901, 64.4511 looks on a white background.

Color Contrast Check

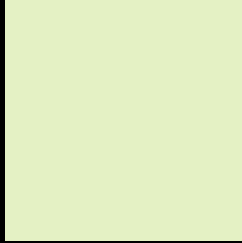
Large Text (above 18pt) WCAG AA × Fail

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 73.4140, 83.3901, 64.4511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

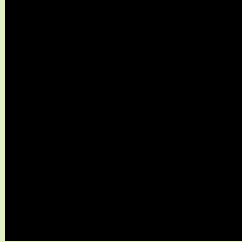
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

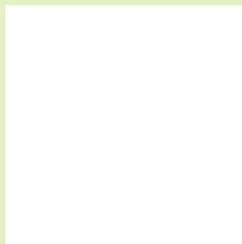
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4140, 83.3901, 64.4511

Background



This preview shows how black text looks on a background with the XYZ color 73.4140, 83.3901, 64.4511.

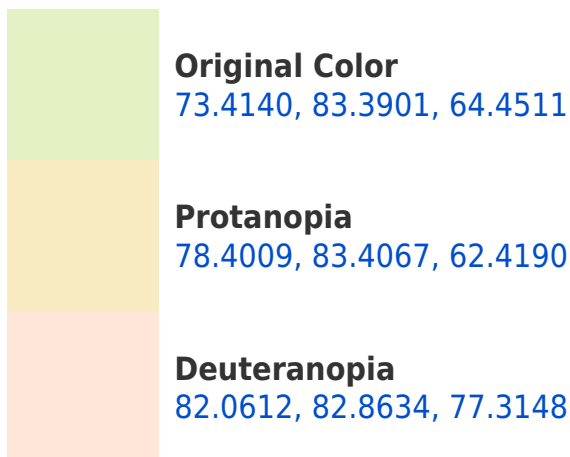


This preview shows how white text looks on a background with the XYZ color 73.4140, 83.3901,

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

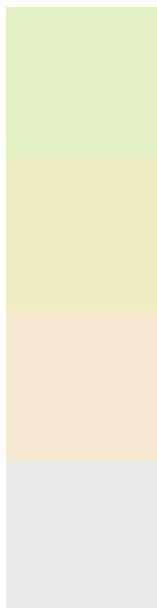




Tritanopia

81.3017, 83.1390, 103.8578

Trichromacy



Original Color

73.4140, 83.3901, 64.4511

Protanomaly

76.2974, 83.1642, 63.0699

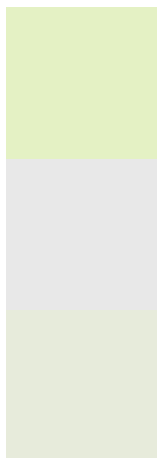
Deuteranomaly

78.5876, 82.8616, 72.1735

Tritanomaly

78.1652, 83.1407, 88.2720

Monochromacy



Original Color

73.4140, 83.3901, 64.4511

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.4495, 81.5201, 78.7762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4140, 83.3901, 64.4511 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(228, 241, 196)` looks like.

```
.text, #text, p{  
    color:rgb(228, 241, 196)  
}
```

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(228, 241, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 241, 196) }
```

Border

The CSS property to change the border of an element to XYZ 73.4140, 83.3901, 64.4511 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(228, 241, 196) }
```


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

```
.border{ border-color:rgb(228, 241, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 241, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 241, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 241, 196);  
box-shadow:4px 4px 4px 4px rgb(228, 241,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4140, 83.3901, 64.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 241, 196) }
```

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

```
.background{ background-color: rgb(228,  
241, 196) }
```

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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