

Converting Colors

XYZ(74.2037, 92.0565, 41.9082)

Have a look what the booklet for
XYZ(74.2037, 92.0565, 41.9082)
contains.

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Color

**XYZ(73.4184, 90.3161,
41.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FF94
RGB	229, 255, 148
RGB Percent	90%, 100%, 58%
CMY	0.1020, 0.0000, 0.4196
CMYK	0.10, 0.00, 0.42, 0.00
HSL	75°, 100%, 79%
HSV	75°, 42%, 100%
XYZ	73.4184, 90.3161, 41.5802
YIQ	235.0280, 18.8510, -38.7890

Conversions

Conversions Part 2

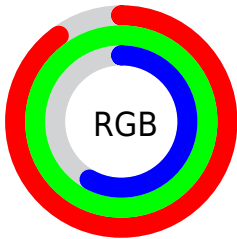
Format	Color
RYB	148, 255, 174
Decimal	15073172
CIELab	96.13, -24.54, 48.22
CIElCh	96, 54.108, 116.973
Yxy	90.3161, 0.3576, 0.4399
Android (android.graphics.Color)	4293263252 (0xFFE5FF94)
YUV	235.0280, -42.9048, -5.2866
Hunter-Lab	95.0348, -28.4121, 40.5834

Details

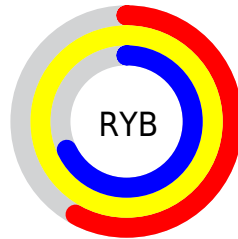
The XYZ color **73.4184, 90.3161, 41.5802** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.0966, 37.3998, 99.3971**, and the grayscale version is **79.2926, 83.4220, 90.8465**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **39.2729, 49.9850, 18.4047** is the 20% darker color. If you saturate the color by 10%, you get **69.6751, 88.5945, 32.0044**, and if you desaturate by 10%, it is **77.6775, 92.2523, 53.5033**.

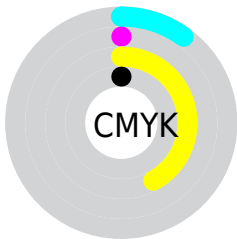
Distribution



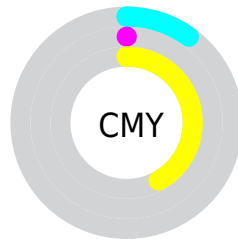
- Red (90%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4184, 90.3161, 41.5802 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 73.4184, 90.3161, 41.5802 by changing the saturation by 10% instead.


 73.4184, 90.3161,
41.5802


 73.4184, 90.3161,
41.5802


461.5450,
529.0586, 368.4879

 54.6077, 68.2428,
28.4496


 123.0709,
147.7774, 78.8271

 39.3204, 50.0953,
18.4229


 154.6435,
183.9342, 103.7805

 27.1909, 35.4891,
11.0814


191.2008,
225.5544, 133.5119

 17.8540, 24.0399,
6.0068

233.1081,
273.0222, 168.4398

 10.9442, 15.3632,
2.7803

280.7309,
326.7222, 208.9829

 6.0964, 9.0747,
0.9836

334.4343,

 2.9450, 4.7899,

387.0386, 255.5595

0.0000

394.5839,
454.3559, 308.5884

■ 1.1247, 2.1245,
0.0000

■ 0.0457, 0.6784,
0.0000

■ 73.4184, 90.3161,
41.5802

■ 73.4184, 90.3161,
41.5802

■ 69.6751, 88.5945,
32.0044

■ 77.6775, 92.2523,
53.5033

■ 66.4165, 87.0747,
24.6166

■ 82.4791, 94.4137,
67.9113

■ 63.6090, 85.7434,
19.2438

■ 87.8489, 96.8106,
84.9355

■ 61.2139, 84.5850,
15.6853

■ 93.8105, 99.4528,
104.6970

■ 59.1843, 83.5805, 95.0500, 100.0000,
13.6989 108.9000

■ 57.7615, 82.8622,
12.9497

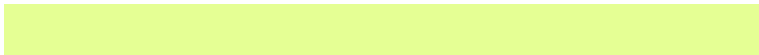
Harmonies

Analogous

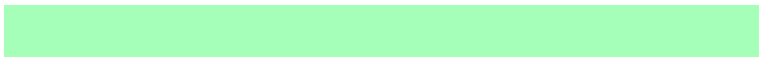
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3740, 90.3161, 36.7823



73.4184, 90.3161, 41.5802



63.8681, 90.3161, 59.8516

Triad

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



73.4184, 90.3161, 41.5802



71.0683, 90.3161, 185.0831



117.9724, 90.3161, 102.7633

Complementary

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



73.4184, 90.3161, 41.5802



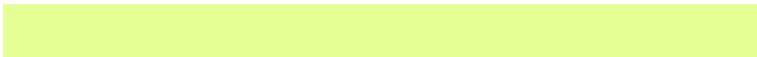
46.0966, 37.3998, 99.3971

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.



112.3552, 90.3161, 150.5561



73.4184, 90.3161, 41.5802



84.3295, 90.3161, 205.9867

Square

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



73.4184, 90.3161, 41.5802



62.6263, 90.3161, 140.7465



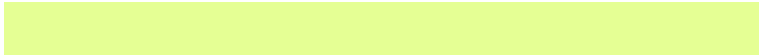
99.5952, 90.3161, 191.8088



114.1865, 90.3161, 65.4402

Rectangle

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



73.4184, 90.3161, 41.5802



60.7059, 90.3161, 80.8767



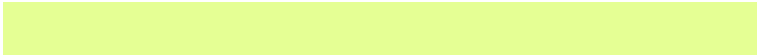
99.5952, 90.3161, 191.8088



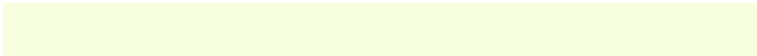
117.1071, 90.3161, 118.1493

Sweetspot

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



73.4187, 90.3162, 41.5815



87.2630, 96.5500, 83.0386



61.5232, 53.2735, 35.0585



18.4163, 20.5492, 16.9333



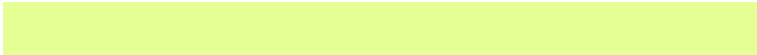
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

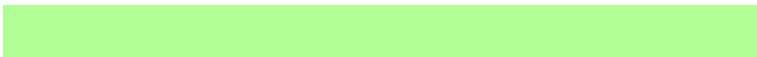
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4187, 90.3162, 41.5815



70.3695, 88.9155, 33.7035



59.1314, 82.9509, 40.9128



19.1046, 20.8554, 19.1629



30.3231, 43.3702, 6.7731



3.0505, 4.2734, 0.6641

Inverse Universe

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



46.0966, 37.3998, 99.3971



39.8997, 29.8463, 98.2657



60.1512, 44.6452, 100.0548



17.4163, 17.5908, 22.7274



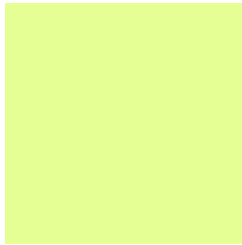
10.5797, 4.3645, 49.7194



1.1234, 0.4731, 4.8454

Previews

White Background



This preview shows how the XYZ color 73.4184, 90.3161, 41.5802 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 73.4184, 90.3161, 41.5802 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

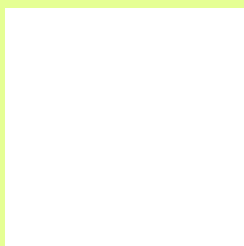
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4184, 90.3161, 41.5802

Background



This preview shows how black text looks on a background with the XYZ color 73.4184, 90.3161, 41.5802.

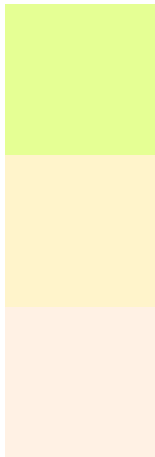


This preview shows how white text looks on a background with the XYZ color 73.4184, 90.3161,

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

73.4184, 90.3161, 41.5802

Protanopia

84.3702, 90.2732, 69.4776

Deuteranopia

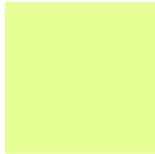
86.6989, 89.7720, 86.1570



Tritanopia

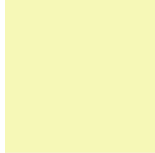
86.7643, 89.7789, 107.3638

Trichromacy



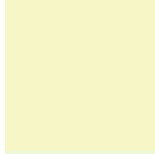
Original Color

73.4184, 90.3161, 41.5802



Protanomaly

80.1207, 90.1465, 57.9770



Deuteranomaly

81.2706, 89.6279, 67.0493



Tritanomaly

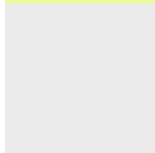
80.9153, 89.6565, 78.0065

Monochromacy



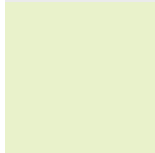
Original Color

73.4184, 90.3161, 41.5802



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.1359, 85.1397, 68.9207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4184, 90.3161, 41.5802 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(229, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 148)  
}
```

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(229, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 148) }
```

Border

The CSS property to change the border of an element to XYZ 73.4184, 90.3161, 41.5802 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(229, 255, 148) }
```


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

```
.border{ border-color:rgb(229, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4184, 90.3161, 41.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 148) }
```

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

```
.background{ background-color: rgb(229,  
255, 148) }
```

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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