

Converting Colors

XYZ(73.5868, 89.8972, 64.4385)

Have a look what the booklet for
XYZ(73.5868, 89.8972, 64.4385)
contains.

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Color

**XYZ(73.5219, 89.8621,
64.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFC2
RGB	215, 255, 194
RGB Percent	84%, 100%, 76%
CMY	0.1569, 0.0000, 0.2392
CMYK	0.16, 0.00, 0.24, 0.00
HSL	99°, 100%, 88%
HSV	99°, 24%, 100%
XYZ	73.5219, 89.8621, 64.5090
YIQ	236.0860, -4.2590, -27.4510

Conversions

Conversions Part 2

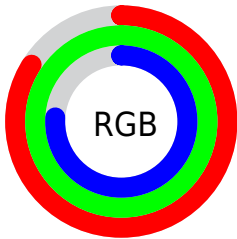
Format	Color
RYB	194, 255, 234
Decimal	14155714
CIELab	95.94, -23.52, 25.02
CIELCh	96, 34.338, 133.222
Yxy	89.8621, 0.3226, 0.3943
Android (android.graphics.Color)	4292345794 (0xFFD7FFC2)
YUV	236.0860, -20.7484, -18.4924
Hunter-Lab	94.7956, -27.4507, 26.0097

Details

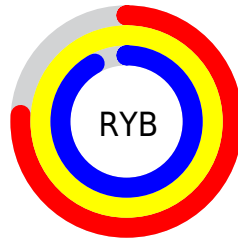
The XYZ color **73.5219, 89.8621, 64.5090** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.2744, 63.2972, 103.0688**, and the grayscale version is **79.9503, 84.1140, 91.6001**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **39.4249, 49.7552, 32.3367** is the 20% darker color. If you saturate the color by 10%, you get **66.2372, 86.4097, 50.4792**, and if you desaturate by 10%, it is **81.8011, 93.7704, 81.1531**.

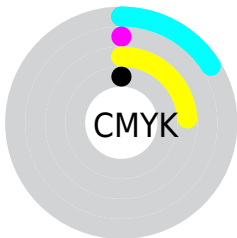
Distribution



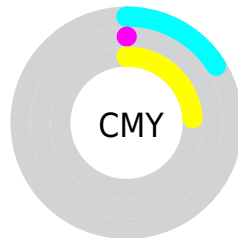
- Red (84%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5219, 89.8621, 64.5090 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 73.5219, 89.8621, 64.5090 by changing the saturation by 10% instead.

73.5219, 89.8621,
64.5090

73.5219, 89.8621,
64.5090

461.8975,
527.5822, 459.2832

54.6927, 67.8663,
46.6142

123.2170,
147.1468, 112.9502

39.3886, 49.7890,
32.3786

154.8136,
183.2045, 144.3336

27.2443, 35.2457,
21.3837

191.3967,
224.7183, 181.0505

17.8943, 23.8522,
13.2108

233.3317,
272.0725, 223.5191

10.9734, 15.2240,
7.4414

280.9839,
325.6517, 272.1582

6.1161, 8.9768,
3.6571

334.7187,

2.9571, 4.7260,

385.8400, 327.3862

1.4392

394.9014,
453.0221, 389.6217

■ 1.1311, 2.0874,
0.1720

■ 0.0509, 0.6575,
0.0000

■ 73.5219, 89.8621,
64.5090

■ 73.5219, 89.8621,
64.5090

■ 66.2372, 86.4097,
50.4792

■ 81.8011, 93.7704,
81.1531

■ 59.9052, 83.3946,
38.9269

■ 91.1108, 98.1504,
100.5308

■ 54.4835, 80.7980,
29.7088

■ 95.0500, 100.0000,
108.9000

■ 49.9254, 78.5993,
22.6656

■ 46.1793, 76.7760,
17.6176

■ 43.1874, 75.3027,
14.3567

■ 40.8815, 74.1498,
12.6286

■ 39.7641, 73.5842,
12.1074

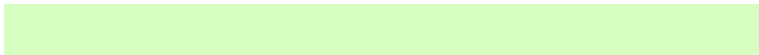
Harmonies

Analogous

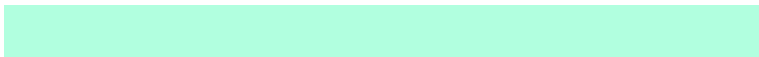
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3078, 89.8621, 55.3016



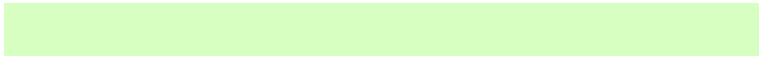
73.5219, 89.8621, 64.5090



69.1148, 89.8621, 83.5303

Triad

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



73.5219, 89.8621, 64.5090



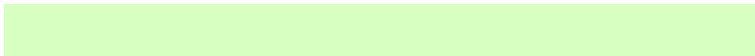
80.2548, 89.8621, 156.8470



104.4214, 89.8621, 86.3789

Complementary

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



73.5219, 89.8621, 64.5090



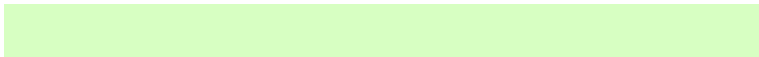
71.2744, 63.2972, 103.0688

Split Complementary

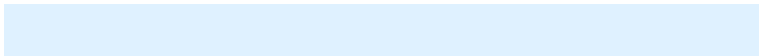
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.0869, 89.8621, 113.7073



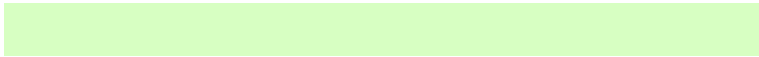
73.5219, 89.8621, 64.5090



89.6504, 89.8621, 157.9986

Square

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



73.5219, 89.8621, 64.5090



72.8003, 89.8621, 138.1441



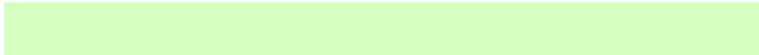
98.5178, 89.8621, 141.0480



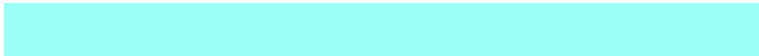
99.4004, 89.8621, 66.2603

Rectangle

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



73.5219, 89.8621, 64.5090



68.4677, 89.8621, 100.8094



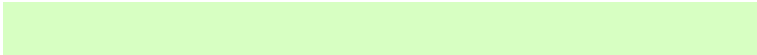
98.5178, 89.8621, 141.0480



104.9420, 89.8621, 94.9384

Sweetspot

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



73.5224, 89.8623, 64.5104



88.1320, 96.7504, 94.2654



80.3013, 83.8021, 62.9833



18.7414, 20.6510, 19.9205



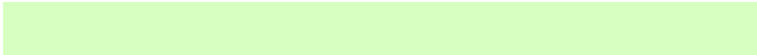
0.0000, 0.0000, 0.0000



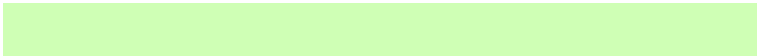
20.3446, 21.4041, 23.3091

Same Dimension

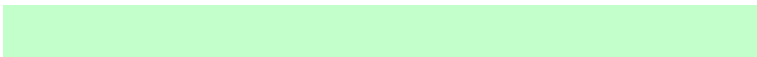
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5224, 89.8623, 64.5104



69.7004, 88.0528, 57.0653



68.8063, 87.3087, 69.8206



18.3611, 20.4721, 19.1281



20.9213, 38.5234, 6.3331



2.1490, 3.8086, 0.6219

Inverse Universe

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



71.2744, 63.2972, 103.0688



67.0705, 57.0355, 102.0817



77.1439, 66.4892, 95.8362



18.1499, 17.9690, 22.7617



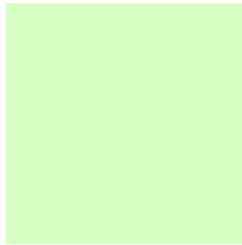
17.9492, 8.1636, 50.0643



1.8652, 0.8554, 4.8801

Previews

White Background



This preview shows how the XYZ color 73.5219, 89.8621, 64.5090 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 73.5219, 89.8621, 64.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

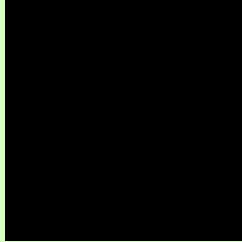
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

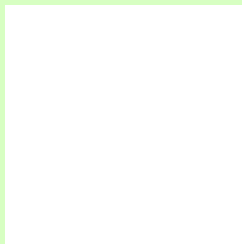
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5219, 89.8621, 64.5090

Background



This preview shows how black text looks on a background with the XYZ color 73.5219, 89.8621, 64.5090.

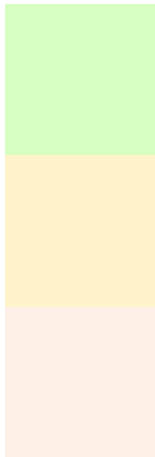


This preview shows how white text looks on a background with the XYZ color 73.5219, 89.8621,

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

73.5219, 89.8621, 64.5090

Protanopia

84.1897, 89.7208, 70.0073

Deuteranopia

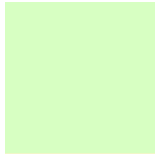
86.8239, 89.3497, 88.2714



Tritanopia

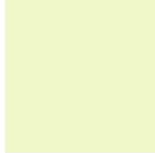
84.3324, 89.4138, 107.4215

Trichromacy



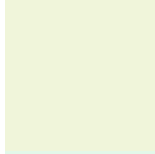
Original Color

73.5219, 89.8621, 64.5090



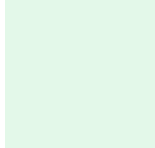
Protanomaly

79.6213, 89.2169, 67.6677



Deuteranomaly

81.2425, 88.8920, 79.2056



Tritanomaly

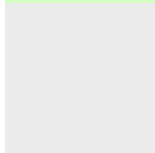
79.9539, 89.3489, 90.1228

Monochromacy



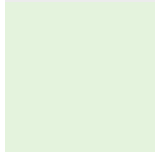
Original Color

73.5219, 89.8621, 64.5090



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.0966, 85.8156, 80.9073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5219, 89.8621, 64.5090 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(215, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 194)  
}
```

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(215, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 73.5219, 89.8621, 64.5090 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(215, 255, 194) }
```


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

```
.border{ border-color:rgb(215, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5219, 89.8621, 64.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 194) }
```

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

```
.background{ background-color: rgb(215,  
255, 194) }
```

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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