

Converting Colors

XYZ(73.5577, 88.7342, 73.5754)

Have a look what the booklet for
XYZ(73.5577, 88.7342, 73.5754)
contains.

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Color

**XYZ(73.4979, 88.7029,
73.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FDD1
RGB	211, 253, 209
RGB Percent	83%, 99%, 82%
CMY	0.1725, 0.0078, 0.1804
CMYK	0.17, 0.00, 0.17, 0.01
HSL	117°, 92%, 91%
HSV	117°, 17%, 99%
XYZ	73.4979, 88.7029, 73.5692
YIQ	235.4260, -10.9080, -22.5880

Conversions

Conversions Part 2

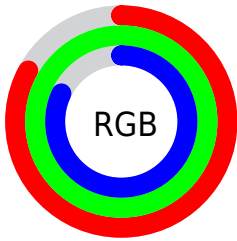
Format	Color
R _Y B	209, 253, 251
Decimal	13893073
CIE Lab	95.46, -21.48, 16.67
CIE LCh	95, 27.189, 142.194
Yxy	88.7029, 0.3117, 0.3762
Android (android.graphics.Color)	4292083153 (0xFFD3FDD1)
YUV	235.4260, -13.0280, -21.4216
Hunter-Lab	94.1822, -25.5211, 19.6139

Details

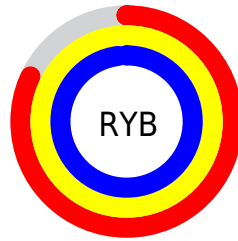
The XYZ color **73.4979, 88.7029, 73.5692** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.3173, 73.2045, 102.8298**, and the grayscale version is **79.3945, 83.5292, 90.9633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2830, 48.8809, 37.9364** is the 20% darker color. If you saturate the color by 10%, you get **64.2044, 84.2482, 58.0611**, and if you desaturate by 10%, it is **84.3331, 93.9001, 91.7497**.

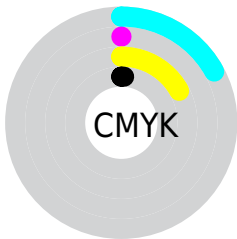
Distribution



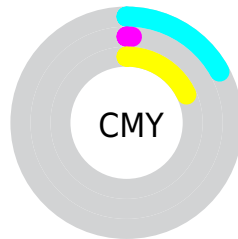
- Red (83%)
- Green (99%)
- Blue (82%)



- Red (82%)
- Yellow (99%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4979, 88.7029, 73.5692 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 73.4979, 88.7029, 73.5692 by changing the saturation by 10% instead.


 73.4979, 88.7029,
73.5692

 73.4979, 88.7029,
73.5692


461.8158,
523.8023, 492.1088

 54.6730, 66.9053,
53.9469


123.1831,
145.5353, 126.0133

 39.3728, 49.0077,
38.1663


154.7742,
181.3390, 159.6722

 27.2319, 34.6256,
25.8089


191.3513,
222.5802, 198.8470

 17.8849, 23.3746,
16.4563

233.2799,
269.6433, 243.9563

 10.9666, 14.8704,
9.6898

280.9252,
322.9126, 295.4185

 6.1115, 8.7285,
5.0908

334.6528,

 2.9543, 4.5645,

382.7727, 353.6523

2.2410

394.8278,
449.6078, 419.0762

■ 1.1296, 1.9941,
0.6979

■ 0.0497, 0.6040,
0.0000

■ 73.4979, 88.7029,
73.5692

■ 73.4979, 88.7029,
73.5692

■ 64.2044, 84.2482,
58.0611

■ 84.3331, 93.9001,
91.7497

■ 56.3760, 80.4913,
45.0940

■ 94.4170, 98.7340,
108.6890

■ 49.9398, 77.4005,
34.5344

■ 44.8144, 74.9366,
26.2338

■ 40.9096, 73.0569,
20.0279

■ 38.1237, 71.7130,
15.7296

■ 36.3389, 70.8488,
13.1192

■ 35.4088, 70.3951,
11.9108

■ 35.2717, 70.3286,
11.7158

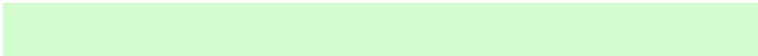
Harmonies

Analogous

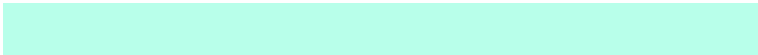
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0170, 88.7029, 63.3799



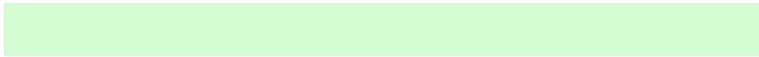
73.4979, 88.7029, 73.5692



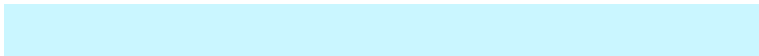
70.9080, 88.7029, 91.1209

Triad

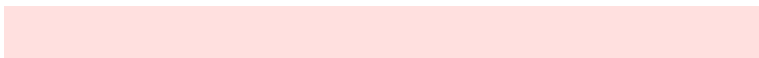
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4979, 88.7029, 73.5692



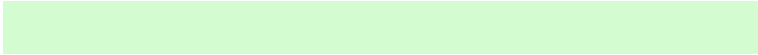
82.3802, 88.7029, 143.1573



98.2699, 88.7029, 81.9094

Complementary

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



73.4979, 88.7029, 73.5692



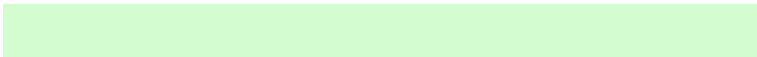
80.3173, 73.2045, 102.8298

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.



99.3013, 88.7029, 102.2579



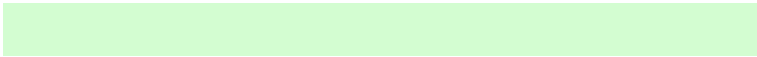
73.4979, 88.7029, 73.5692



89.8331, 88.7029, 139.7302

Square

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



73.4979, 88.7029, 73.5692



75.8358, 88.7029, 132.7283



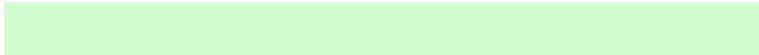
96.1324, 88.7029, 123.9545



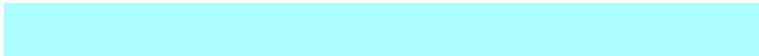
93.3919, 88.7029, 67.6781

Rectangle

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



73.4979, 88.7029, 73.5692



71.0777, 88.7029, 105.5030



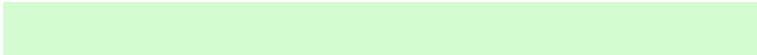
96.1324, 88.7029, 123.9545



99.0891, 88.7029, 88.1793

Sweetspot

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



73.5003, 88.7067, 73.5711



88.7279, 96.9702, 98.2421



86.4553, 94.3600, 73.9795



18.8083, 20.6679, 20.7196



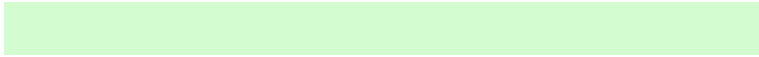
0.0000, 0.0000, 0.0000



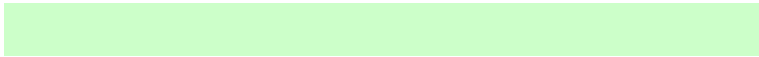
20.3446, 21.4041, 23.3091

Same Dimension

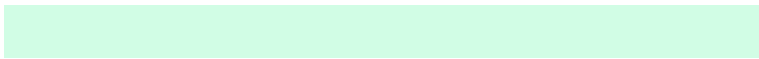
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5003, 88.7067, 73.5711



71.2255, 88.5791, 68.8798



75.5375, 89.4558, 87.2705



17.8479, 20.2075, 19.1041



18.7941, 37.4268, 6.2335



1.8556, 3.6574, 0.6081

Inverse Universe

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



80.3173, 73.2045, 102.8298



79.3922, 70.0048, 103.9356



78.0481, 72.3805, 87.1009



18.7063, 18.2558, 22.7878



28.8554, 13.7860, 50.5747



2.8338, 1.3548, 4.9254

Previews

White Background



This preview shows how the XYZ color 73.4979, 88.7029, 73.5692 looks on a white background.

Color Contrast Check

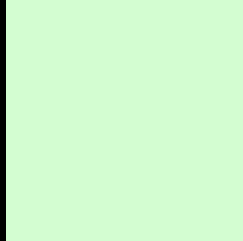
Large Text (above 18pt) WCAG AA × Fail

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 73.4979, 88.7029, 73.5692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

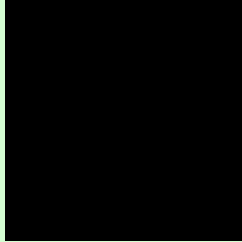
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

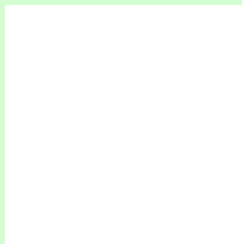
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4979, 88.7029, 73.5692

Background



This preview shows how black text looks on a background with the XYZ color 73.4979, 88.7029, 73.5692.



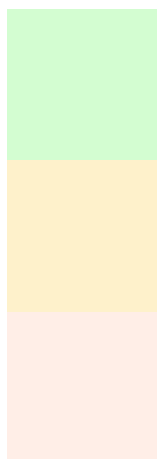
This preview shows how white text looks on a background with the XYZ color 73.4979, 88.7029,

73.5692.

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

73.4979, 88.7029, 73.5692

Protanopia

83.1078, 88.2932, 69.1620

Deuteranopia

86.2383, 88.1786, 88.0762



Tritanopia

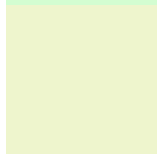
83.0338, 88.7444, 107.3608

Trichromacy



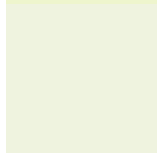
Original Color

73.4979, 88.7029, 73.5692



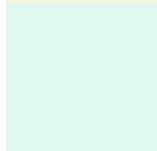
Protanomaly

78.9317, 87.8897, 70.5619



Deuteranomaly

80.9665, 87.7796, 82.4878



Tritanomaly

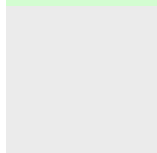
79.1248, 88.3826, 93.7781

Monochromacy



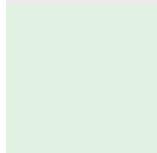
Original Color

73.4979, 88.7029, 73.5692



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.8436, 85.1640, 84.3397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4979, 88.7029, 73.5692 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(211, 253, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 253, 209)  
}
```

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(211, 253, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 253, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.4979, 88.7029, 73.5692 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(211, 253, 209) }
```


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

```
.border{ border-color:rgb(211, 253, 209) }
```

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

Here you see how a box with a 4 pixel rgb(211, 253, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 253, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 253, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 253,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4979, 88.7029, 73.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 253, 209) }
```

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

```
.background{ background-color: rgb(211,  
253, 209) }
```

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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