

Converting Colors

XYZ(71.2182, 88.6556, 65.2576)

Have a look what the booklet for
XYZ(71.2182, 88.6556, 65.2576)
contains.

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Color

**XYZ(71.0639, 88.5819,
64.9823)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFC3
RGB	206, 255, 195
RGB Percent	81%, 100%, 76%
CMY	0.1922, 0.0000, 0.2353
CMYK	0.19, 0.00, 0.24, 0.00
HSL	109°, 100%, 88%
HSV	109°, 24%, 100%
XYZ	71.0639, 88.5819, 64.9823
YIQ	233.5090, -9.9440, -29.0480

Conversions

Conversions Part 2

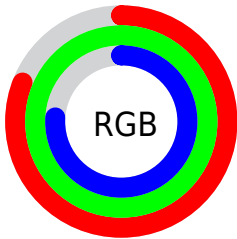
Format	Color
RYB	195, 255, 244
Decimal	13565891
CIELab	95.41, -26.39, 23.69
CIELCh	95, 35.462, 138.080
Yxy	88.5819, 0.3164, 0.3943
Android (android.graphics.Color)	4291755971 (0xFFCEFFC3)
YUV	233.5090, -18.9849, -24.1254
Hunter-Lab	94.1180, -29.9297, 24.9467

Details

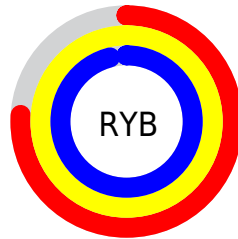
The XYZ color **71.0639, 88.5819, 64.9823** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.8742, 65.4845, 103.3012**, and the grayscale version is **77.9794, 82.0404, 89.3420**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **37.7643, 48.8906, 32.6457** is the 20% darker color. If you saturate the color by 10%, you get **63.0187, 84.7396, 50.8187**, and if you desaturate by 10%, it is **80.3687, 93.0166, 81.7775**.

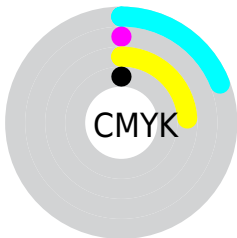
Distribution



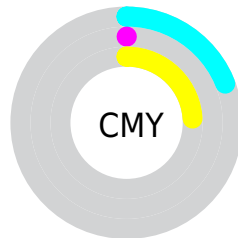
- Red (81%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0639, 88.5819, 64.9823 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 71.0639, 88.5819, 64.9823 by changing the saturation by 10% instead.


 71.0639, 88.5819,
64.9823

 71.0639, 88.5819,
64.9823

453.4851,
523.4070, 461.0328

 52.6771, 66.8051,
46.9955

119.7427,
145.3670, 113.6374

 37.7715, 48.9262,
32.6778


150.7654,
181.1441, 145.1428

 25.9818, 34.5610,
21.6106

186.7308,
222.3567, 181.9915

 16.9426, 23.3249,
13.3755

228.0042,
269.3893, 224.6020

 10.2886, 14.8336,
7.5539

274.9510,
322.6262, 273.3928

 5.6545, 8.7027,
3.7272

327.9365,

 2.6748, 4.5478,

382.4519, 328.7825

1.4769

387.3261,
449.2507, 391.1897

0.9842, 1.9844,
0.2006

0.0000, 0.5984,
0.0000

71.0639, 88.5819,
64.9823

71.0639, 88.5819,
64.9823

63.0187, 84.7396,
50.8187

80.3687, 93.0166,
81.7775

56.1765, 81.4635,
39.1497

90.9829, 98.0668,
101.3240

50.4788, 78.7266,
29.8317

95.0500, 100.0000,
108.9000

45.8614, 76.4992,
22.7051

■ 42.2535, 74.7488,
17.5905

■ 39.5755, 73.4387,
14.2799

■ 37.7344, 72.5266,
12.5204

■ 36.9207, 72.1183,
11.9743

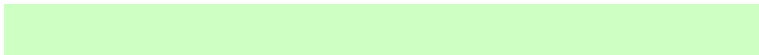
Harmonies

Analogous

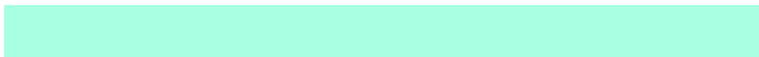
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5372, 88.5819, 54.0593



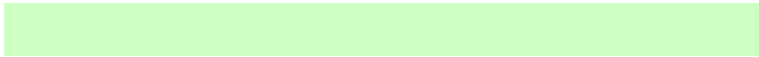
71.0639, 88.5819, 64.9823



67.2308, 88.5819, 85.8326

Triad

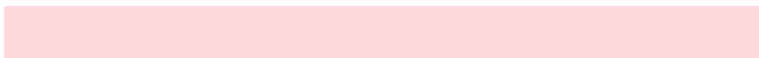
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0639, 88.5819, 64.9823



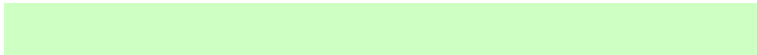
80.4004, 88.5819, 158.7292



103.2001, 88.5819, 80.8034

Complementary

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



71.0639, 88.5819, 64.9823



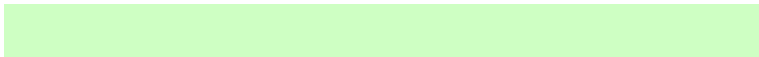
74.8742, 65.4845, 103.3012

Split Complementary

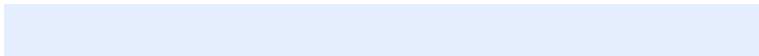
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.7955, 88.5819, 107.9101



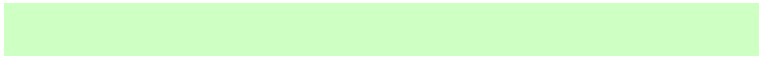
71.0639, 88.5819, 64.9823



90.1170, 88.5819, 156.6670

Square

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



71.0639, 88.5819, 64.9823



72.3375, 88.5819, 141.9101



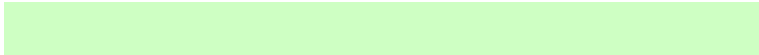
98.8503, 88.5819, 136.7230



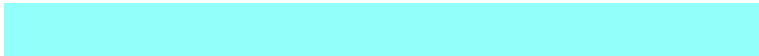
97.2811, 88.5819, 61.9120

Rectangle

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



71.0639, 88.5819, 64.9823



67.0442, 88.5819, 104.1560



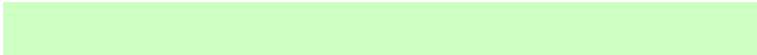
98.8503, 88.5819, 136.7230



104.0452, 88.5819, 89.1349

Sweetspot

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



71.0645, 88.5822, 64.9837



87.1467, 96.2425, 94.2192



83.4414, 89.9018, 64.5860



18.5138, 20.5336, 19.9099



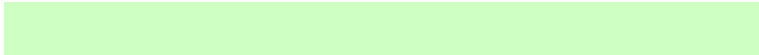
0.0000, 0.0000, 0.0000



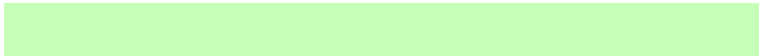
20.3446, 21.4041, 23.3091

Same Dimension

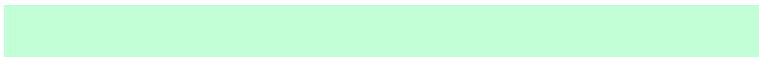
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0645, 88.5822, 64.9837



67.3145, 86.7923, 58.3326



70.4040, 87.9775, 76.8900



18.0821, 20.3282, 19.1150



19.3806, 37.7291, 6.2610



1.9666, 3.7146, 0.6133

Inverse Universe

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



74.8742, 65.4845, 103.3012



71.6949, 60.1965, 102.4481



75.8960, 66.3474, 88.1636



18.4469, 18.1221, 22.7756



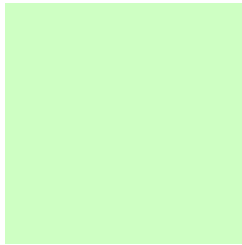
23.1786, 10.8595, 50.3090



2.3377, 1.0991, 4.9022

Previews

White Background



This preview shows how the XYZ color 71.0639, 88.5819, 64.9823 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 71.0639, 88.5819, 64.9823 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

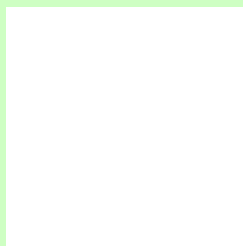
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0639, 88.5819, 64.9823

Background



This preview shows how black text looks on a background with the XYZ color 71.0639, 88.5819, 64.9823.



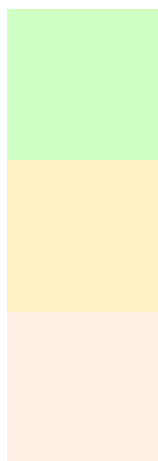
This preview shows how white text looks on a background with the XYZ color 71.0639, 88.5819,

64.9823.

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

71.0639, 88.5819, 64.9823

Protanopia

82.6591, 88.1561, 64.8838

Deuteranopia

85.8181, 88.0105, 85.8634



Tritanopia

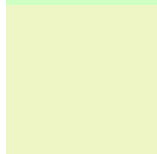
82.3956, 88.4153, 107.3309

Trichromacy



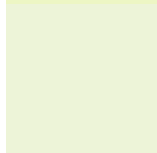
Original Color

71.0639, 88.5819, 64.9823



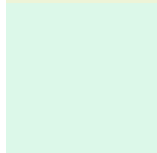
Protanomaly

77.8446, 87.9016, 65.0884



Deuteranomaly

79.6704, 87.6638, 77.6875



Tritanomaly

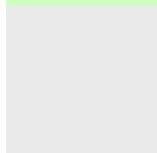
77.7906, 88.2336, 90.0216

Monochromacy



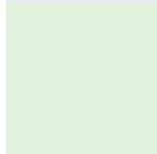
Original Color

71.0639, 88.5819, 64.9823



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.4109, 84.5189, 80.0493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0639, 88.5819, 64.9823 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(206, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 195)  
}
```

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(206, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 71.0639, 88.5819, 64.9823 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(206, 255, 195) }
```


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

```
.border{ border-color:rgb(206, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0639, 88.5819, 64.9823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 195) }
```

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

```
.background{ background-color: rgb(206,  
255, 195) }
```

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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