

Converting Colors

XYZ(76.2084, 98.7492, 73.7875)

Have a look what the booklet for
XYZ(76.2084, 98.7492, 73.7875)
contains.

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Color

**XYZ(71.1099, 88.4425,
72.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFCF
RGB	201, 255, 207
RGB Percent	79%, 100%, 81%
CMY	0.2118, 0.0000, 0.1882
CMYK	0.21, 0.00, 0.19, 0.00
HSL	127°, 100%, 89%
HSV	127°, 21%, 100%
XYZ	71.1099, 88.4425, 72.3547
YIQ	233.3820, -16.7760, -26.3760

Conversions

Conversions Part 2

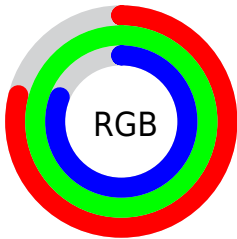
Format	Color
R_{YB}	201, 250, 255
Decimal	13238223
CIE _{Lab}	95.35, -26.04, 17.45
CIE _{LCh}	95, 31.343, 146.170
Yxy	88.4425, 0.3066, 0.3814
Android (android.graphics.Color)	4291428303 (0xFFC9FFCF)
YUV	233.3820, -13.0063, -28.3990
Hunter-Lab	94.0439, -29.6066, 20.2147

Details

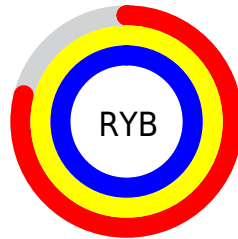
The XYZ color **71.1099, 88.4425, 72.3547** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.2258, 69.8735, 98.9334**, and the grayscale version is **77.8436, 81.8975, 89.1864**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7979, 48.7991, 37.5640** is the 20% darker color. If you saturate the color by 10%, you get **62.2390, 84.1669, 58.4977**, and if you desaturate by 10%, it is **81.5180, 93.4645, 88.3630**.

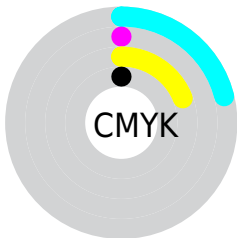
Distribution



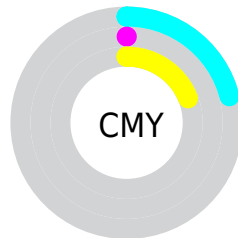
- Red (79%)
- Green (100%)
- Blue (81%)



- Red (79%)
- Yellow (98%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1099, 88.4425, 72.3547 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 71.1099, 88.4425, 72.3547 by changing the saturation by 10% instead.


 71.1099, 88.4425,
72.3547

 71.1099, 88.4425,
72.3547


453.6434,
522.9512, 487.7859

 52.7147, 66.6896,
52.9599


119.8079,
145.1731, 124.2731

 37.8017, 48.8324,
37.3832


150.8414,
180.9195, 157.6337

 26.0053, 34.4866,
25.2062


186.8184,
222.0992, 196.4867

 16.9603, 23.2676,
16.0104

228.1043,
269.0967, 241.2506

 10.3013, 14.7913,
9.3770

275.0643,
322.2962, 292.3440

 5.6630, 8.6730,
4.8878

328.0640,

 2.6800, 4.5285,

382.0822, 350.1853

2.1240

387.4685,
448.8391, 415.1931

■ 0.9869, 1.9734,
0.6300

■ 0.0000, 0.5919,
0.0000

■ 71.1099, 88.4425,
72.3547

■ 71.1099, 88.4425,
72.3547

■ 62.2390, 84.1669,
58.4977

■ 81.5180, 93.4645,
88.3630

■ 54.8302, 80.6011,
46.6963

■ 93.5293, 99.2653,
106.6045

■ 48.8053, 77.7067,
36.8539

■ 95.0500, 100.0000,
108.9000

■ 44.0778, 75.4415,
28.8644

■ 40.5514, 73.7584,
22.6118

■ 38.1165, 72.6034,
17.9668

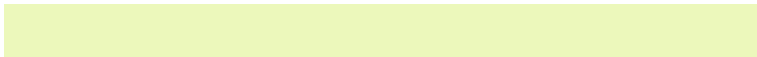
■ 36.6425, 71.9125,
14.7822

■ 35.9737, 71.6055,
13.0451

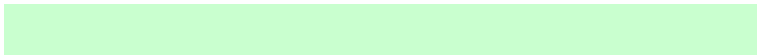
Harmonies

Analogous

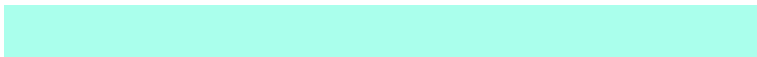
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0056, 88.4425, 59.8676



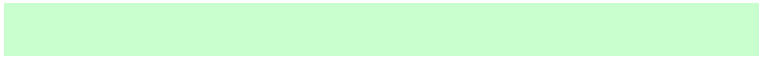
71.1099, 88.4425, 72.3547



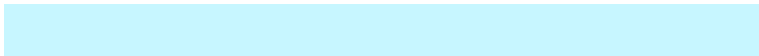
68.6771, 88.4425, 93.1829

Triad

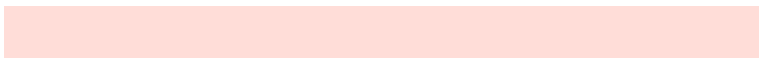
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1099, 88.4425, 72.3547



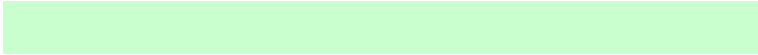
82.9668, 88.4425, 151.4420



99.7259, 88.4425, 76.9585

Complementary

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



71.1099, 88.4425, 72.3547



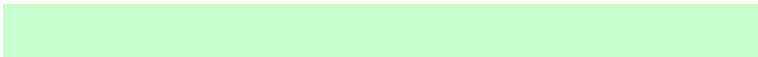
79.2258, 69.8735, 98.9334

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.



101.5882, 88.4425, 99.4835



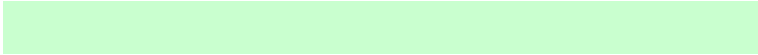
71.1099, 88.4425, 72.3547



91.5367, 88.4425, 145.1353

Square

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



71.1099, 88.4425, 72.3547



75.2225, 88.4425, 141.0336



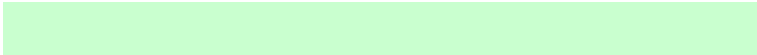
98.4983, 88.4425, 125.0164



93.5681, 88.4425, 62.1916

Rectangle

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



71.1099, 88.4425, 72.3547



69.2158, 88.4425, 110.0407



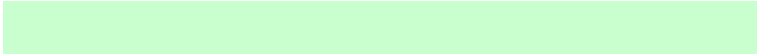
98.4983, 88.4425, 125.0164



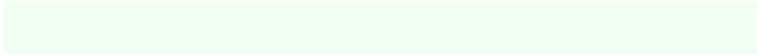
100.8923, 88.4425, 83.7515

Sweetspot

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



71.1106, 88.4428, 72.3561



87.5305, 96.3676, 97.5203



85.5840, 95.9873, 69.2760



18.5676, 20.5457, 20.6189



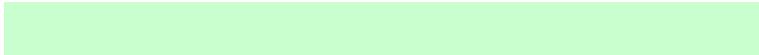
0.0000, 0.0000, 0.0000



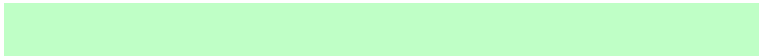
20.3446, 21.4041, 23.3091

Same Dimension

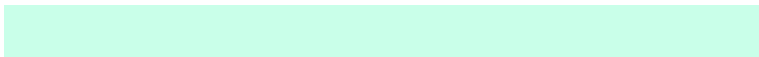
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1106, 88.4428, 72.3561



67.5404, 86.7215, 66.8075



74.6131, 89.8438, 90.8003



17.8536, 20.2010, 19.5321



18.8231, 37.4258, 6.9536



1.8581, 3.6542, 0.8108

Inverse Universe

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



79.2258, 69.8735, 98.9334



76.8556, 65.4028, 97.3118



75.3925, 68.3402, 78.7477



18.7006, 18.2635, 22.3064



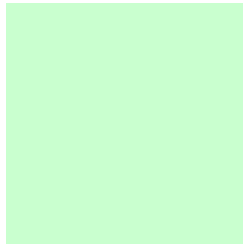
28.8043, 14.0110, 39.2152



2.8283, 1.3737, 3.9434

Previews

White Background



This preview shows how the XYZ color 71.1099, 88.4425, 72.3547 looks on a white background.

Color Contrast Check

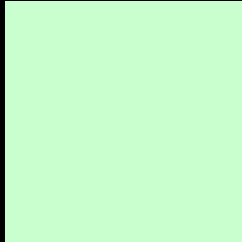
Large Text (above 18pt) WCAG AA × Fail

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 71.1099, 88.4425, 72.3547 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

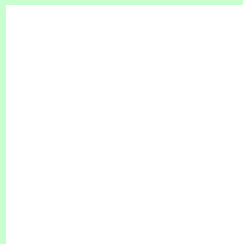
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1099, 88.4425, 72.3547

Background



This preview shows how black text looks on a background with the XYZ color 71.1099, 88.4425, 72.3547.

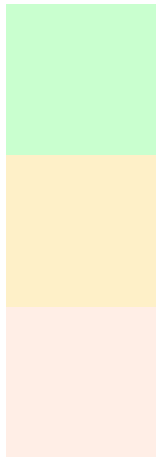


This preview shows how white text looks on a background with the XYZ color 71.1099, 88.4425,

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

71.1099, 88.4425, 72.3547

Protanopia

82.4585, 87.5611, 67.1985

Deuteranopia

86.0975, 88.1222, 87.3344



Tritanopia

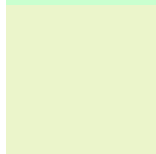
81.7647, 88.0901, 107.3014

Trichromacy



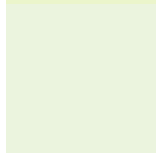
Original Color

71.1099, 88.4425, 72.3547



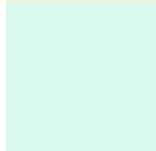
Protanomaly

77.6928, 87.2788, 69.2516



Deuteranomaly

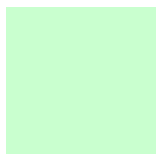
79.7964, 87.6375, 81.8172



Tritanomaly

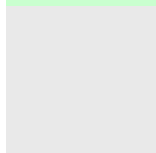
77.6153, 88.0596, 93.7954

Monochromacy



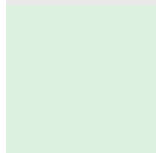
Original Color

71.1099, 88.4425, 72.3547



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.7286, 83.6646, 82.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1099, 88.4425, 72.3547 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(201, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 207)  
}
```

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(201, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.1099, 88.4425, 72.3547 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(201, 255, 207) }
```


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

```
.border{ border-color:rgb(201, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1099, 88.4425, 72.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 207) }
```

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

```
.background{ background-color: rgb(201,  
255, 207) }
```

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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