

Converting Colors

XYZ(71.6496, 88.6724, 74.5622)

Have a look what the booklet for
XYZ(71.6496, 88.6724, 74.5622)
contains.

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Color

**XYZ(71.4803, 88.5907,
74.3051)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFD2
RGB	201, 255, 210
RGB Percent	79%, 100%, 82%
CMY	0.2118, 0.0000, 0.1765
CMYK	0.21, 0.00, 0.18, 0.00
HSL	130°, 100%, 89%
HSV	130°, 21%, 100%
XYZ	71.4803, 88.5907, 74.3051
YIQ	233.7240, -17.7390, -25.4430

Conversions

Conversions Part 2

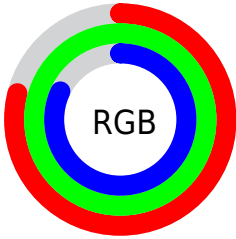
Format	Color
RYB	201, 247, 255
Decimal	13238226
CIELab	95.41, -25.52, 16.00
CIElCh	95, 30.120, 147.908
Yxy	88.5907, 0.3050, 0.3780
Android (android.graphics.Color)	4291428306 (0xFFC9FFD2)
YUV	233.7240, -11.6959, -28.6989
Hunter-Lab	94.1226, -29.1549, 19.0794

Details

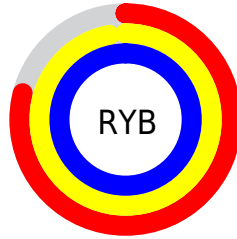
The XYZ color **71.4803, 88.5907, 74.3051** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.7615, 69.6878, 96.4883**, and the grayscale version is **78.0929, 82.1598, 89.4720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9645, 48.8657, 38.4414** is the 20% darker color. If you saturate the color by 10%, you get **62.7105, 84.3555, 60.9804**, and if you desaturate by 10%, it is **81.7410, 93.5537, 89.5373**.

Distribution



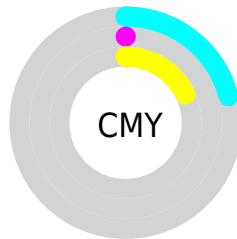
- Red (79%)
- Green (100%)
- Blue (82%)



- Red (79%)
- Yellow (97%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4803, 88.5907, 74.3051 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 71.4803, 88.5907, 74.3051 by changing the saturation by 10% instead.


 71.4803, 88.5907,
74.3051

 71.4803, 88.5907,
74.3051


454.9164,
523.4357, 494.7172

 53.0182, 66.8124,
54.5455


120.3322,
145.3793, 127.0662

 38.0448, 48.9322,
38.6418


151.4526,
181.1583, 160.9049

 26.1949, 34.5657,
26.1755


187.5233,
222.3730, 200.2736

 17.1029, 23.3285,
16.7280

228.9095,
269.4078, 245.5909

 10.4037, 14.8363,
9.8809

275.9765,
322.6471, 297.2754

 5.7317, 8.7045,
5.2155

329.0898,

 2.7217, 4.5490,

382.4752, 355.7456

2.3133

388.6146,
449.2766, 421.4200

■ 1.0084, 1.9851,
0.7387

■ 0.0000, 0.5988,
0.0000

■ 71.4803, 88.5907,
74.3051

■ 71.4803, 88.5907,
74.3051

■ 62.7105, 84.3555,
60.9804

■ 81.7410, 93.5537,
89.5373

■ 55.3596, 80.8128,
49.4841

■ 93.5558, 99.2759,
106.7439

■ 49.3529, 77.9258,
39.7375

■ 95.0500, 100.0000,
108.9000

■ 44.6077, 75.6535,
31.6548

■ 41.0320, 73.9506,
25.1426

■ 38.5213, 72.7653,
20.0985

■ 36.9512, 72.0360,
16.4077

■ 36.1870, 71.6908,
14.1685

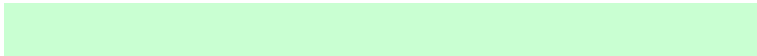
Harmonies

Analogous

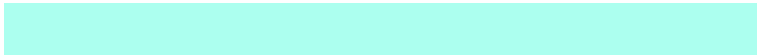
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0025, 88.5907, 61.6608



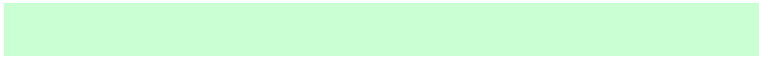
71.4803, 88.5907, 74.3051



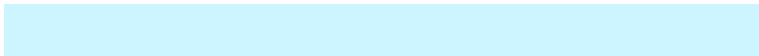
69.3409, 88.5907, 94.8132

Triad

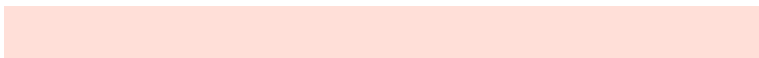
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4803, 88.5907, 74.3051



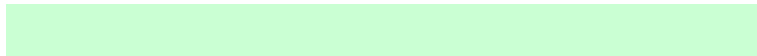
83.6257, 88.5907, 149.2836



98.9947, 88.5907, 76.7422

Complementary

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



71.4803, 88.5907, 74.3051



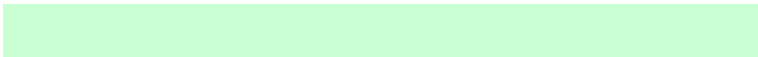
78.7615, 69.6878, 96.4883

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.



101.0496, 88.5907, 98.1261



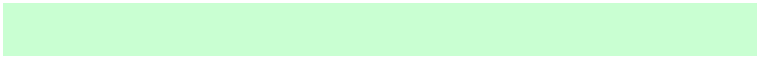
71.4803, 88.5907, 74.3051



91.8386, 88.5907, 142.3727

Square

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



71.4803, 88.5907, 74.3051



76.0625, 88.5907, 140.2362



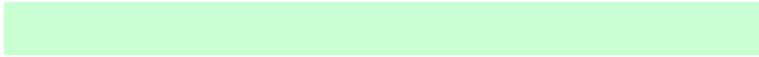
98.3519, 88.5907, 122.6321



92.9041, 88.5907, 62.8981

Rectangle

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



71.4803, 88.5907, 74.3051



70.0081, 88.5907, 111.0966



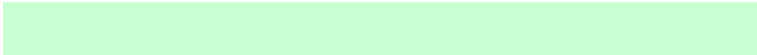
98.3519, 88.5907, 122.6321



100.1971, 88.5907, 83.1693

Sweetspot

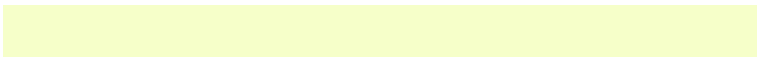
The Sweet Spot groups the original color and five complimentary colors.



71.4810, 88.5910, 74.3065



87.6580, 96.4187, 98.1922



84.3089, 95.3300, 69.2163



18.5976, 20.5577, 20.7771



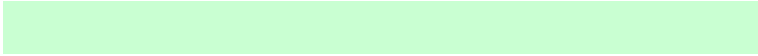
0.0000, 0.0000, 0.0000



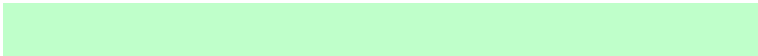
20.3446, 21.4041, 23.3091

Same Dimension

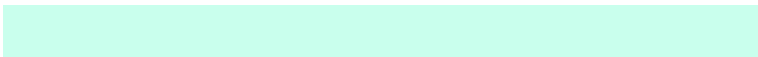
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4810, 88.5910, 74.3065



67.9548, 86.8872, 68.9894



75.1340, 90.0522, 93.5430



17.8951, 20.2176, 19.7504



18.9444, 37.4744, 7.5926



1.8776, 3.6620, 0.9132

Inverse Universe

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



78.7615, 69.6878, 96.4883



76.3114, 65.1851, 94.4460



74.9134, 68.1486, 76.2242



18.6550, 18.2453, 22.0663



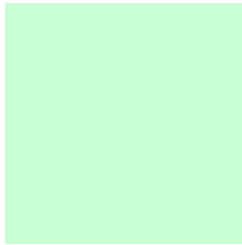
27.8392, 13.6250, 34.1331



2.7436, 1.3398, 3.4972

Previews

White Background



This preview shows how the XYZ color 71.4803, 88.5907, 74.3051 looks on a white background.

Color Contrast Check

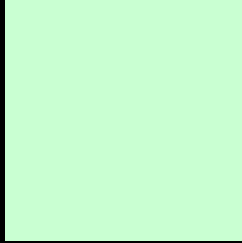
Large Text (above 18pt) WCAG AA × Fail

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 71.4803, 88.5907, 74.3051 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

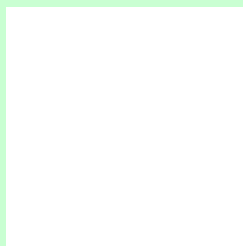
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4803, 88.5907, 74.3051

Background



This preview shows how black text looks on a background with the XYZ color 71.4803, 88.5907, 74.3051.



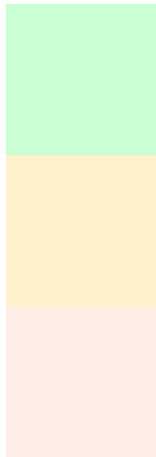
This preview shows how white text looks on a background with the XYZ color 71.4803, 88.5907,

74.3051.

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

71.4803, 88.5907, 74.3051

Protanopia

83.1078, 88.2932, 69.1620

Deuteranopia

86.2383, 88.1786, 88.0762



Tritanopia

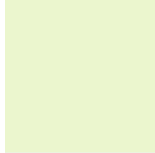
81.7647, 88.0901, 107.3014

Trichromacy



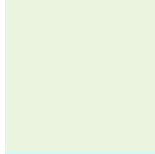
Original Color

71.4803, 88.5907, 74.3051



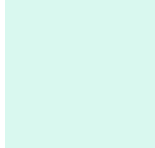
Protanomaly

78.3573, 88.0299, 71.2541



Deuteranomaly

79.9309, 87.6912, 82.5253



Tritanomaly

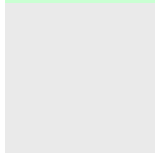
77.7627, 88.1185, 94.5714

Monochromacy



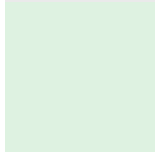
Original Color

71.4803, 88.5907, 74.3051



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.4669, 84.4701, 83.5610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4803, 88.5907, 74.3051 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 71.4803, 88.5907, 74.3051 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, 210) }
```


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

```
.border{ border-color:rgb(201, 255, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4803, 88.5907, 74.3051 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, 210) }
```

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

```
.background{ background-color: rgb(201,  
255, 210) }
```

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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