

Converting Colors

XYZ(71.4646, 88.4667, 79.5382)

Have a look what the booklet for
XYZ(71.4646, 88.4667, 79.5382)
contains.

XYZ(71.4408, 88.4523, 79.6373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.4408, 88.4523,
79.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFDA
RGB	197, 255, 218
RGB Percent	77%, 100%, 85%
CMY	0.2274, 0.0000, 0.1451
CMYK	0.23, 0.00, 0.15, 0.00
HSL	142°, 100%, 89%
HSV	142°, 23%, 100%
XYZ	71.4408, 88.4523, 79.6373
YIQ	233.4400, -22.6910, -23.8030

Conversions

Conversions Part 2

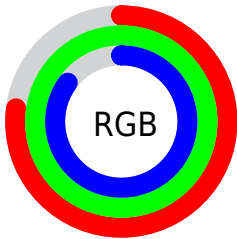
Format	Color
RYB	197, 240, 255
Decimal	12976090
CIELab	95.35, -25.35, 11.79
CIELCh	95, 27.957, 155.064
Yxy	88.4523, 0.2983, 0.3693
Android (android.graphics.Color)	4291166170 (0xFFC5FFDA)
YUV	233.4400, -7.6119, -31.9579
Hunter-Lab	94.0491, -28.9952, 15.6298

Details

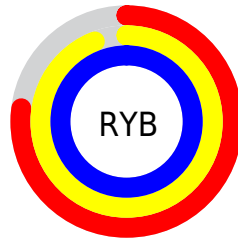
The XYZ color **71.4408, 88.4523, 79.6373** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0578, 67.1337, 86.7910**, and the grayscale version is **77.8511, 81.9054, 89.1950**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **37.9603, 48.7833, 42.0657** is the 20% darker color. If you saturate the color by 10%, you get **63.2934, 84.4861, 68.6844**, and if you desaturate by 10%, it is **80.9280, 93.0849, 91.7463**.

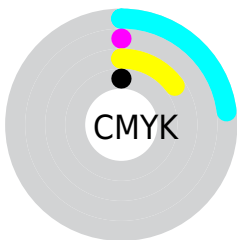
Distribution



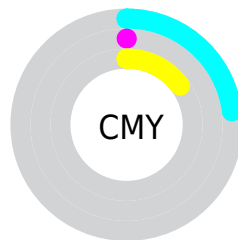
- Red (77%)
- Green (100%)
- Blue (85%)



- Red (77%)
- Yellow (94%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4408, 88.4523, 79.6373 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 71.4408, 88.4523, 79.6373 by changing the saturation by 10% instead.

 71.4408, 88.4523,
79.6373

 71.4408, 88.4523,
79.6373


454.7808,
522.9833, 513.3842

 52.9858, 66.6977,
58.8955


120.2763,
145.1867, 134.6625

 38.0189, 48.8390,
42.1096


151.3875,
180.9353, 169.7829

 26.1746, 34.4918,
28.8609


187.4481,
222.1173, 210.5334

 17.0877, 23.2717,
18.7309

228.8236,
269.1172, 257.3323

 10.3927, 14.7942,
11.3012

275.8793,
322.3194, 310.5984

 5.7244, 8.6751,
6.1531

328.9804,

 2.7173, 4.5299,

382.1082, 370.7500

2.8681

388.4925,
448.8680, 438.2057

■ 1.0061, 1.9742,
1.0277

■ 0.0000, 0.5924,
0.0000

■ 71.4408, 88.4523,
79.6373

■ 71.4408, 88.4523,
79.6373

■ 63.2934, 84.4861,
68.6844

■ 80.9280, 93.0849,
91.7463

■ 56.4208, 81.1537,
58.8491

■ 91.8114, 98.4125,
105.0400

■ 50.7558, 78.4212,
50.0971

95.0500, 100.0000,
108.9000

■ 46.2239, 76.2507,
42.3903

■ 42.7415, 74.6003,
35.6888

■ 40.2133, 73.4213,
29.9495

■ 38.5245, 72.6557,
25.1260

■ 37.7063, 72.2985,
22.1691

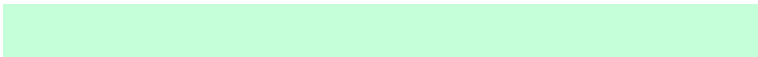
Harmonies

Analogous

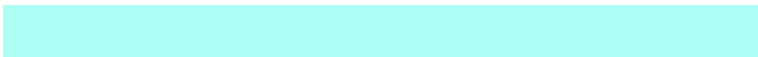
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9106, 88.4523, 65.8127



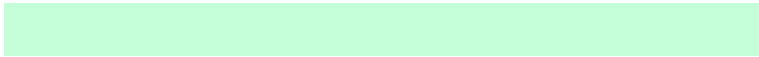
71.4408, 88.4523, 79.6373



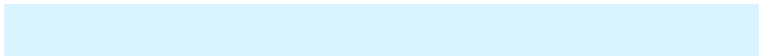
70.2700, 88.4523, 100.0712

Triad

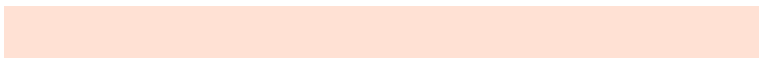
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4408, 88.4523, 79.6373



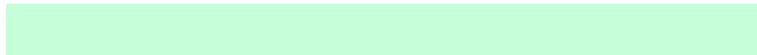
85.3747, 88.4523, 144.5932



96.6787, 88.4523, 74.1039

Complementary

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



71.4408, 88.4523, 79.6373



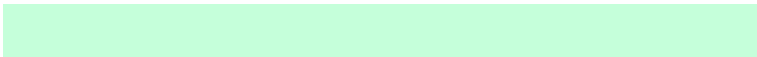
76.0578, 67.1337, 86.7910

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.



99.5707, 88.4523, 92.6433



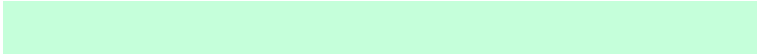
71.4408, 88.4523, 79.6373



92.7968, 88.4523, 135.0161

Square

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



71.4408, 88.4523, 79.6373



78.0282, 88.4523, 139.7216



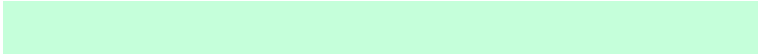
98.1090, 88.4523, 115.1599



90.4186, 88.4523, 62.9733

Rectangle

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



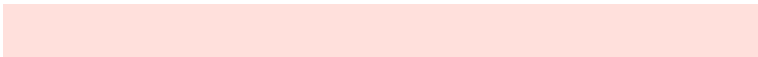
71.4408, 88.4523, 79.6373



71.4532, 88.4523, 115.2557



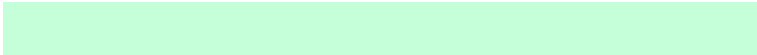
98.1090, 88.4523, 115.1599



98.0937, 88.4523, 79.5625

Sweetspot

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



71.4415, 88.4526, 79.6387



87.0056, 96.0585, 99.2358



80.0004, 93.1625, 66.5900



18.4814, 20.4913, 21.0681



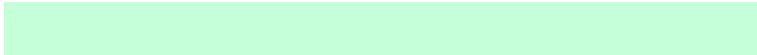
0.0000, 0.0000, 0.0000



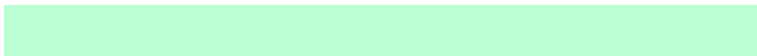
20.3446, 21.4041, 23.3091

Same Dimension

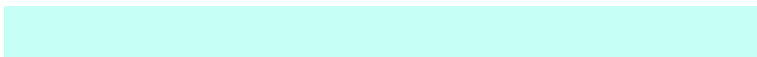
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4415, 88.4526, 79.6387



67.8140, 86.6850, 74.8381



75.4670, 90.0628, 100.8369



18.0433, 20.2769, 20.5313



19.7673, 37.8035, 11.9258



1.9748, 3.7009, 1.4252

Inverse Universe

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



76.0578, 67.1337, 86.7910



73.1233, 62.1582, 83.0585



72.3109, 65.6349, 67.0601



18.4972, 18.1822, 21.2353



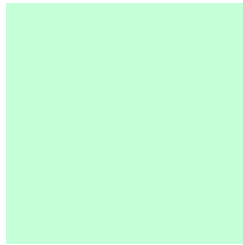
25.0617, 12.5140, 19.5073



2.4926, 1.2394, 2.1753

Previews

White Background



This preview shows how the XYZ color 71.4408, 88.4523, 79.6373 looks on a white background.

Color Contrast Check

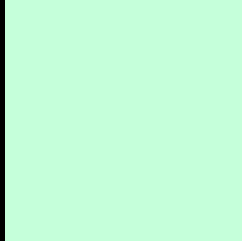
Large Text (above 18pt) WCAG AA × Fail

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 71.4408, 88.4523, 79.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

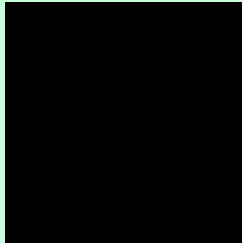
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

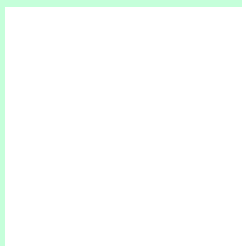
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4408, 88.4523, 79.6373

Background



This preview shows how black text looks on a background with the XYZ color 71.4408, 88.4523, 79.6373.



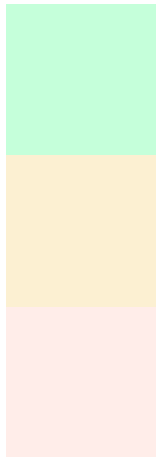
This preview shows how white text looks on a background with the XYZ color 71.4408, 88.4523,

79.6373.

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

71.4408, 88.4523, 79.6373

Protanopia

82.9378, 87.6688, 73.5232

Deuteranopia

86.2322, 87.7116, 89.4759



Tritanopia

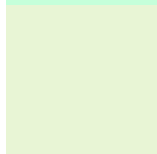
81.4429, 88.3721, 107.3728

Trichromacy



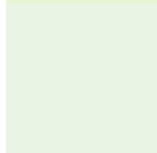
Original Color

71.4408, 88.4523, 79.6373



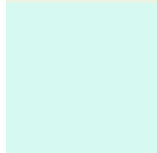
Protanomaly

77.9414, 87.2647, 75.6866



Deuteranomaly

80.2860, 87.7952, 86.1134



Tritanomaly

77.6342, 88.4583, 96.9868

Monochromacy



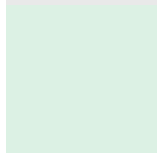
Original Color

71.4408, 88.4523, 79.6373



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.9741, 83.7277, 85.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4408, 88.4523, 79.6373 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(197, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 218)  
}
```

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(197, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.4408, 88.4523, 79.6373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

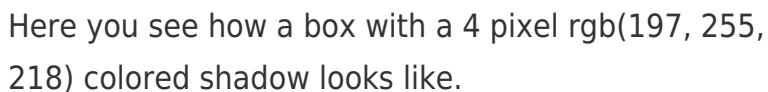
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 218) }
```


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

```
.border{ border-color:rgb(197, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 255, 218); box-shadow:4px 4px 4px 4px rgb(197, 255, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4408, 88.4523, 79.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 218) }
```

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

```
.background{ background-color: rgb(197,  
255, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor