

Converting Colors

XYZ(77.3595, 100.0000,
84.4470)

Have a look what the booklet for
XYZ(77.3595, 100.0000, 84.4470)
contains.

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Color

**XYZ(71.4505, 88.3960,
82.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFDE
RGB	195, 255, 222
RGB Percent	76%, 100%, 87%
CMY	0.2353, 0.0000, 0.1294
CMYK	0.24, 0.00, 0.13, 0.00
HSL	147°, 100%, 88%
HSV	147°, 24%, 100%
XYZ	71.4505, 88.3960, 82.4035
YIQ	233.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

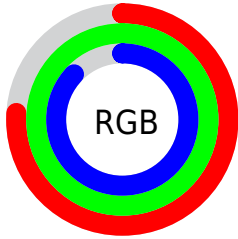
Format	Color
RYB	195, 236, 255
Decimal	12845022
CIELab	95.33, -25.23, 9.68
CIELCh	95, 27.023, 159.001
Yxy	88.3960, 0.2949, 0.3649
Android (android.graphics.Color)	4291035102 (0xFFC3FFDE)
YUV	233.2980, -5.5699, -33.5873
Hunter-Lab	94.0191, -28.8812, 13.8484

Details

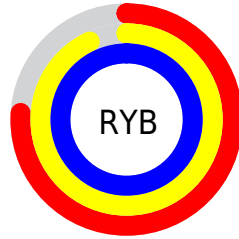
The XYZ color **71.4505, 88.3960, 82.4035** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.7592, 65.8926, 82.1772**, and the grayscale version is **77.7305, 81.7786, 89.0568**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **37.9844, 48.7536, 43.9676** is the 20% darker color. If you saturate the color by 10%, you get **63.6125, 84.5636, 72.6295**, and if you desaturate by 10%, it is **80.5716, 92.8718, 93.0566**.

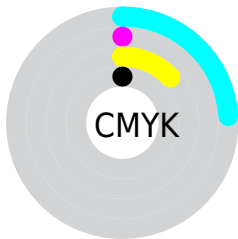
Distribution



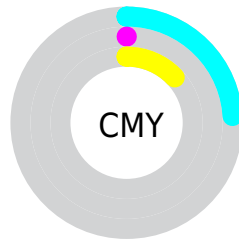
- Red (76%)
- Green (100%)
- Blue (87%)



- Red (76%)
- Yellow (93%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4505, 88.3960, 82.4035 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 71.4505, 88.3960, 82.4035 by changing the saturation by 10% instead.


 71.4505, 88.3960,
82.4035

 71.4505, 88.3960,
82.4035


454.8141,
522.7992, 522.9152

 52.9938, 66.6511,
61.1604


120.2900,
145.1083, 138.5815

 38.0253, 48.8011,
43.9233


151.4035,
180.8446, 174.3534

 26.1796, 34.4617,
30.2734


187.4666,
222.0133, 215.8054

 17.0914, 23.2485,
19.7924

228.8447,
268.9990, 263.3561

 10.3954, 14.7771,
12.0617

275.9031,
322.1861, 317.4238

 5.7262, 8.6631,
6.6626

329.0073,

 2.7184, 4.5221,

381.9588, 378.4272

3.1768

388.5225,
448.7018, 446.7848

■ 1.0066, 1.9697,
1.1856

■ 0.0000, 0.5898,
0.0000

■ 71.4505, 88.3960,
82.4035

■ 71.4505, 88.3960,
82.4035

■ 63.6125, 84.5636,
72.6295

■ 80.5716, 92.8718,
93.0566

■ 56.9942, 81.3424,
63.7078

■ 91.0301, 98.0186,
104.6063

■ 51.5305, 78.6992,
55.6160

■ 95.0500, 100.0000,
108.9000

■ 47.1485, 76.5969,
48.3296

■ 43.7669, 74.9941,
41.8222

■ 41.2918, 73.8430,
36.0662

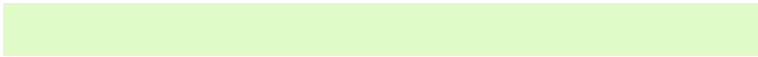
■ 39.6097, 73.0856,
31.0315

■ 38.8403, 72.7521,
28.1408

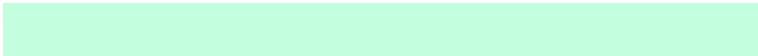
Harmonies

Analogous

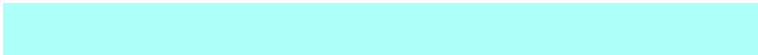
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3975, 88.3960, 67.9870



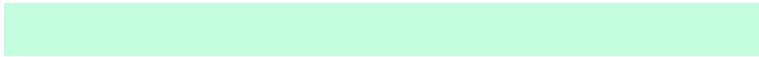
71.4505, 88.3960, 82.4035



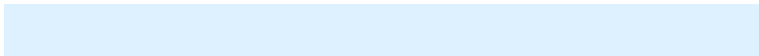
70.7635, 88.3960, 102.7497

Triad

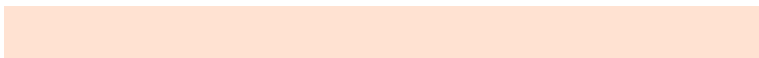
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4505, 88.3960, 82.4035



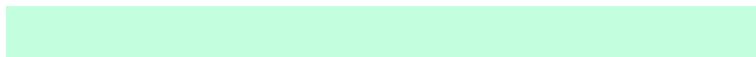
86.2582, 88.3960, 142.2412



95.5384, 88.3960, 72.8643

Complementary

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



71.4505, 88.3960, 82.4035



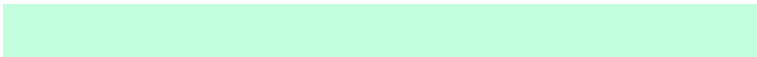
74.7592, 65.8926, 82.1772

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.



98.8316, 88.3960, 90.0269



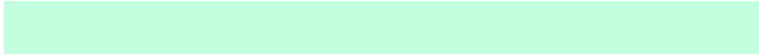
71.4505, 88.3960, 82.4035



93.2712, 88.3960, 131.4224

Square

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



71.4505, 88.3960, 82.4035



79.0332, 88.3960, 139.4071



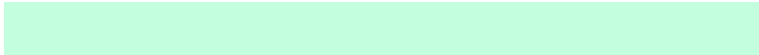
97.9784, 88.3960, 111.5628



89.2076, 88.3960, 63.0660

Rectangle

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



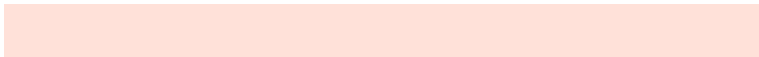
71.4505, 88.3960, 82.4035



72.2046, 88.3960, 117.3334



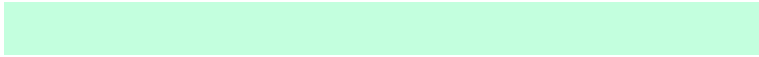
97.9784, 88.3960, 111.5628



97.0538, 88.3960, 77.8537

Sweetspot

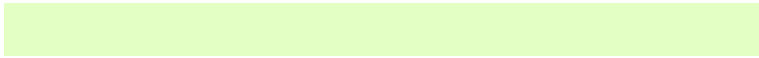
The Sweet Spot groups the original color and five complimentary colors.



71.4513, 88.3964, 82.4049



87.2445, 96.1541, 100.4939



77.6058, 91.9544, 65.2897



18.5367, 20.5134, 21.3592



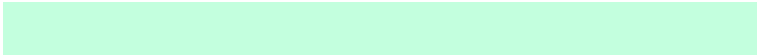
0.0000, 0.0000, 0.0000



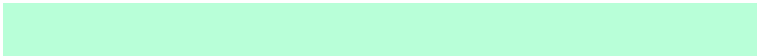
20.3446, 21.4041, 23.3091

Same Dimension

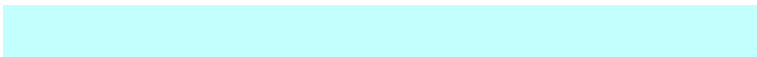
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4513, 88.3964, 82.4049



67.7914, 86.6050, 77.9269



75.8369, 90.1507, 105.4993



18.1114, 20.3041, 20.8894



20.3677, 38.0437, 15.0875



2.0373, 3.7258, 1.7541

Inverse Universe

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



74.7592, 65.8926, 82.1772



71.5991, 60.6957, 77.6613



70.9489, 64.3685, 62.1122



18.4275, 18.1543, 20.8681



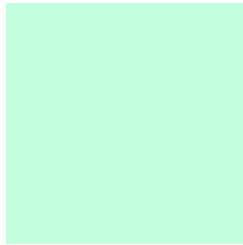
24.1081, 12.1325, 14.4857



2.4024, 1.2033, 1.7006

Previews

White Background



This preview shows how the XYZ color 71.4505, 88.3960, 82.4035 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 71.4505, 88.3960, 82.4035 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

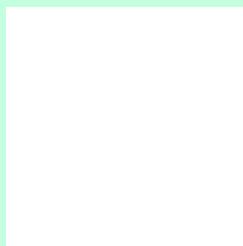
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4505, 88.3960, 82.4035

Background



This preview shows how black text looks on a background with the XYZ color 71.4505, 88.3960, 82.4035.



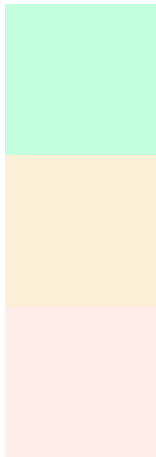
This preview shows how white text looks on a background with the XYZ color 71.4505, 88.3960,

82.4035.

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

71.4505, 88.3960, 82.4035

Protanopia

83.0813, 87.6844, 76.1643

Deuteranopia

86.3755, 87.7689, 90.2305



Tritanopia

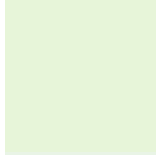
81.1338, 88.2128, 107.3583

Trichromacy



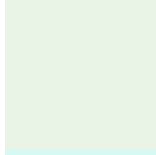
Original Color

71.4505, 88.3960, 82.4035



Protanomaly

78.1318, 87.3035, 78.3789



Deuteranomaly

80.2379, 87.7382, 87.5691



Tritanomaly

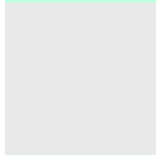
77.4939, 88.3686, 97.7665

Monochromacy



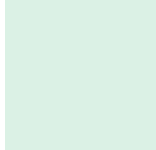
Original Color

71.4505, 88.3960, 82.4035



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.8116, 83.6278, 86.3275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4505, 88.3960, 82.4035 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(195, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 222)  
}
```

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(195, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.4505, 88.3960, 82.4035 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(195, 255, 222) }
```


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

```
.border{ border-color:rgb(195, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4505, 88.3960, 82.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 222) }
```

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

```
.background{ background-color: rgb(195,  
255, 222) }
```

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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