

Converting Colors

XYZ(71.9708, 88.6642, 82.4279)

Have a look what the booklet for
XYZ(71.9708, 88.6642, 82.4279)
contains.

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Color

**XYZ(71.9708, 88.6642,
82.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFDE
RGB	197, 255, 222
RGB Percent	77%, 100%, 87%
CMY	0.2274, 0.0000, 0.1294
CMYK	0.23, 0.00, 0.13, 0.00
HSL	146°, 100%, 89%
HSV	146°, 23%, 100%
XYZ	71.9708, 88.6642, 82.4279
YIQ	233.8960, -23.9750, -22.5590

Conversions

Conversions Part 2

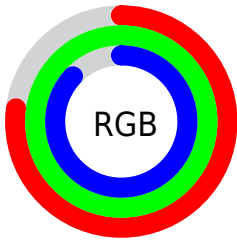
Format	Color
R_{YB}	197, 238, 255
Decimal	12976094
CIE _{Lab}	95.44, -24.61, 9.86
CIE _{LCh}	95, 26.514, 158.169
Yxy	88.6642, 0.2961, 0.3648
Android (android.graphics.Color)	4291166174 (0xFFC5FFDE)
YUV	233.8960, -5.8647, -32.3578
Hunter-Lab	94.1617, -28.3496, 14.0115

Details

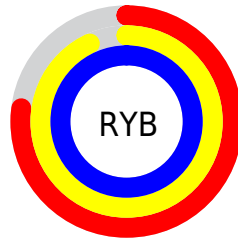
The XYZ color **71.9708, 88.6642, 82.4279** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.4897, 66.9067, 83.7986**, and the grayscale version is **78.1837, 82.2554, 89.5761**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.3245, 48.9290, 43.9835** is the 20% darker color. If you saturate the color by 10%, you get **63.9871, 84.7636, 72.3370**, and if you desaturate by 10%, it is **81.2528, 93.2148, 93.4559**.

Distribution



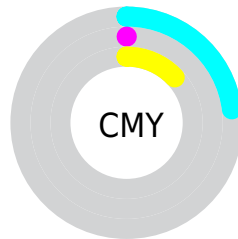
- Red (77%)
- Green (100%)
- Blue (87%)



- Red (77%)
- Yellow (93%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9708, 88.6642, 82.4279 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 71.9708, 88.6642, 82.4279 by changing the saturation by 10% instead.


 71.9708, 88.6642,
82.4279

 71.9708, 88.6642,
82.4279


456.5992,
523.6759, 522.9988

 53.4202, 66.8733,
61.1804


121.0260,
145.4815, 138.6160

 38.3671, 48.9817,
43.9393


152.2614,
181.2767, 174.3936

 26.4463, 34.6049,
30.2859


188.4557,
222.5087, 215.8518

 17.2922, 23.3587,
19.8018

229.9743,
269.5621, 263.4090

 10.5397, 14.8586,
12.0684

277.1827,
322.8210, 317.4838

 5.8232, 8.7202,
6.6672

330.4460,

 2.7775, 4.5591,

382.6701, 378.4946

3.1796

390.1297,
449.4936, 446.8601

■ 1.0372, 1.9910,
1.1870

■ 0.0000, 0.6022,
0.0000

■ 71.9708, 88.6642,
82.4279

■ 71.9708, 88.6642,
82.4279

■ 63.9871, 84.7636,
72.3370

■ 81.2528, 93.2148,
93.4559

■ 57.2385, 81.4808,
63.1542

■ 91.8877, 98.4431,
105.4405

■ 51.6595, 78.7826,
54.8549

■ 95.0500, 100.0000,
108.9000

■ 47.1776, 76.6322,
47.4122

■ 43.7117, 74.9883,
40.7973

■ 41.1686, 73.8034,
34.9798

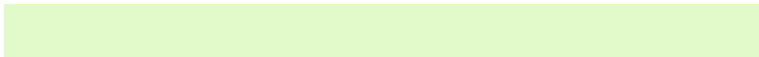
■ 39.4361, 73.0204,
29.9268

■ 38.5700, 72.6440,
26.7171

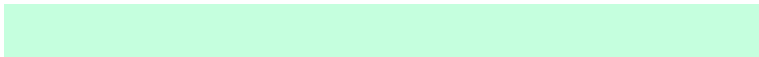
Harmonies

Analogous

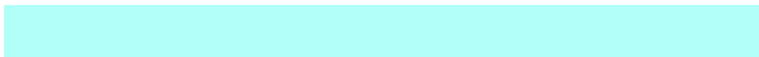
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9394, 88.6642, 68.4049



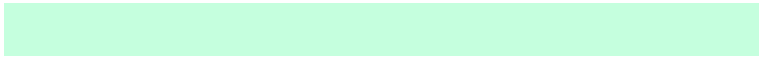
71.9708, 88.6642, 82.4279



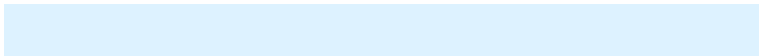
71.2002, 88.6642, 102.3316

Triad

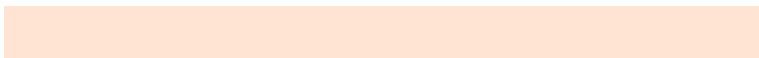
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9708, 88.6642, 82.4279



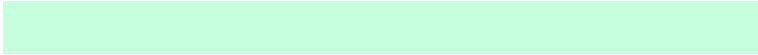
86.2713, 88.6642, 141.7507



95.7269, 88.6642, 73.8880

Complementary

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



71.9708, 88.6642, 82.4279



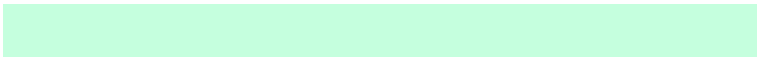
75.4897, 66.9067, 83.7986

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.



98.8546, 88.6642, 90.9716



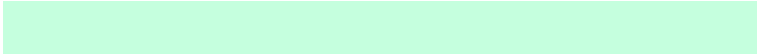
71.9708, 88.6642, 82.4279



93.1943, 88.6642, 131.4932

Square

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



71.9708, 88.6642, 82.4279



79.1891, 88.6642, 138.5958



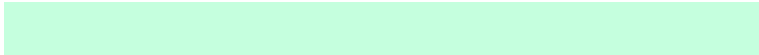
97.9021, 88.6642, 112.1779



89.5693, 88.6642, 63.9897

Rectangle

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



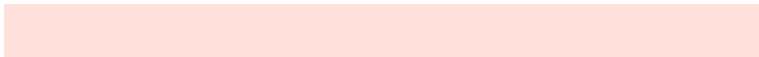
71.9708, 88.6642, 82.4279



72.5594, 88.6642, 116.6633



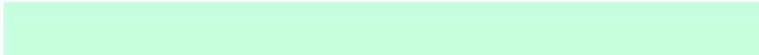
97.9021, 88.6642, 112.1779



97.1831, 88.6642, 78.8754

Sweetspot

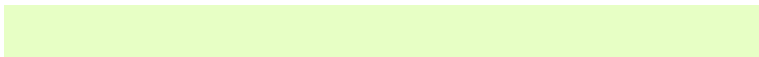
The Sweet Spot groups the original color and five complimentary colors.



71.9716, 88.6646, 82.4293



87.1928, 96.1334, 100.2216



78.7398, 92.5127, 66.5313



18.5247, 20.5086, 21.2962



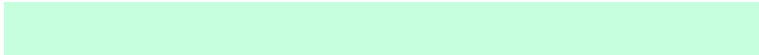
0.0000, 0.0000, 0.0000



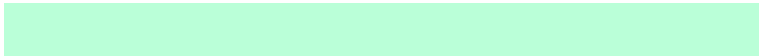
20.3446, 21.4041, 23.3091

Same Dimension

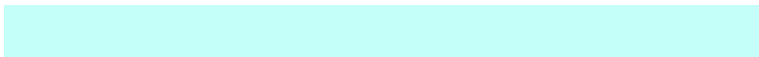
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9716, 88.6646, 82.4293



68.4186, 86.9269, 78.0215



76.0680, 90.3032, 104.0008



18.0966, 20.2982, 20.8118



20.2251, 37.9866, 14.3365



2.0228, 3.7200, 1.6776

Inverse Universe

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



75.4897, 66.9067, 83.7986



72.4652, 61.8949, 79.5925



71.8479, 65.4500, 64.6212



18.4424, 18.1603, 20.9470



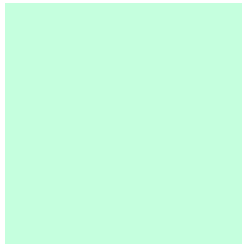
24.2990, 12.2089, 15.4909



2.4207, 1.2107, 1.7969

Previews

White Background



This preview shows how the XYZ color 71.9708, 88.6642, 82.4279 looks on a white background.

Color Contrast Check

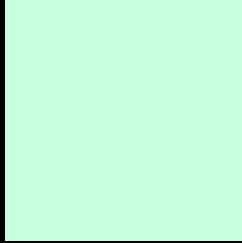
Large Text (above 18pt) WCAG AA × Fail

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 71.9708, 88.6642, 82.4279 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

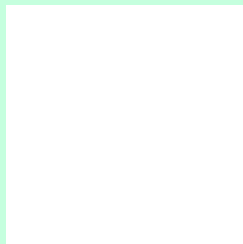
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9708, 88.6642, 82.4279

Background



This preview shows how black text looks on a background with the XYZ color 71.9708, 88.6642, 82.4279.



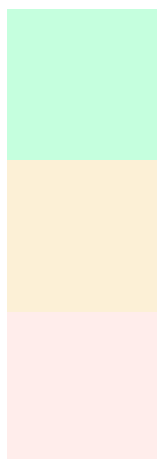
This preview shows how white text looks on a background with the XYZ color 71.9708, 88.6642,

82.4279.

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

71.9708, 88.6642, 82.4279

Protanopia

83.4426, 87.8707, 76.1812

Deuteranopia

86.5196, 87.8265, 90.9894



Tritanopia

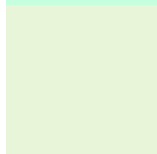
81.7537, 88.5324, 107.3873

Trichromacy



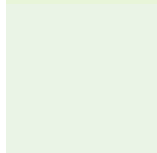
Original Color

71.9708, 88.6642, 82.4279



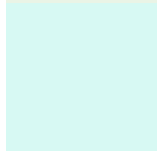
Protanomaly

78.4555, 87.4704, 78.3941



Deuteranomaly

80.5653, 87.9070, 87.5844



Tritanomaly

78.0777, 88.6695, 97.7938

Monochromacy



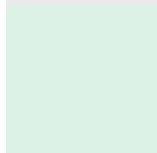
Original Color

71.9708, 88.6642, 82.4279



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.8539, 84.5896, 87.1924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9708, 88.6642, 82.4279 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.9708, 88.6642, 82.4279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

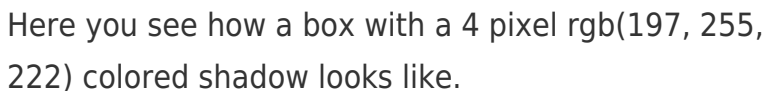
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 222) }
```


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

```
.border{ border-color:rgb(197, 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(197, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 255, 222); box-shadow:4px 4px 4px 4px rgb(197, 255, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9708, 88.6642, 82.4279 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, 222) }
```

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

```
.background{ background-color: rgb(197,  
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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