

Converting Colors

XYZ(70.2903, 83.9933, 85.9064)

Have a look what the booklet for
XYZ(70.2903, 83.9933, 85.9064)
contains.

XYZ(70.2903, 83.9933, 85.9064)	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(70.2903, 83.9933,
85.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F7E4
RGB	197, 247, 228
RGB Percent	77%, 97%, 89%
CMY	0.2274, 0.0314, 0.1059
CMYK	0.20, 0.00, 0.08, 0.03
HSL	157°, 76%, 87%
HSV	157°, 20%, 97%
XYZ	70.2903, 83.9933, 85.9064
YIQ	229.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

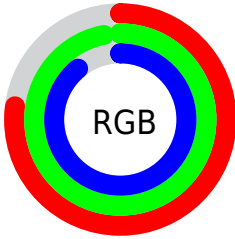
Format	Color
RYB	197, 228, 247
Decimal	12974052
CIELab	93.45, -19.60, 3.90
CIELCh	93, 19.984, 168.758
Yxy	83.9933, 0.2926, 0.3497
Android (android.graphics.Color)	4291164132 (0xFFC5F7E4)
YUV	229.8840, -0.9288, -28.8393
Hunter-Lab	91.6479, -23.4813, 8.5778

Details

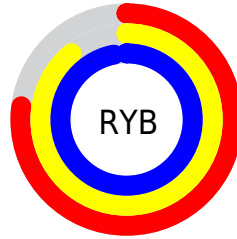
The XYZ color **70.2903, 83.9933, 85.9064** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7217, 64.6667, 73.7238**, and the grayscale version is **75.1491, 79.0627, 86.0993**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **37.3290, 46.0295, 46.4523** is the 20% darker color. If you saturate the color by 10%, you get **63.0773, 80.4237, 78.9509**, and if you desaturate by 10%, it is **78.6385, 88.1445, 93.2880**.

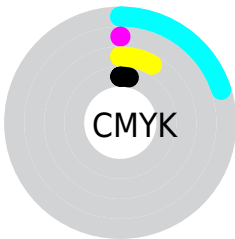
Distribution



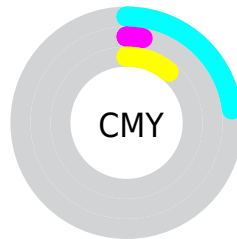
- Red (77%)
- Green (97%)
- Blue (89%)



- Red (77%)
- Yellow (89%)
- Blue (97%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (23%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2903, 83.9933, 85.9064 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 70.2903, 83.9933, 85.9064 by changing the saturation by 10% instead.

70.2903, 83.9933,
85.9064

70.2903, 83.9933,
85.9064

450.8192,
508.2910, 534.8451

52.0437, 63.0099,
64.0361

118.6467,
138.9658, 143.5243

37.2643, 45.8492,
46.2336

149.4871,
173.7237, 180.1089

25.5868, 32.1269,
32.0802

185.2562,
213.8419, 222.4354

16.6458, 21.4584,
21.1574

226.3194,
259.7048, 270.9224

10.0760, 13.4595,
13.0468

273.0419,
311.6967, 325.9883

5.5121, 7.7457,
7.3296

325.7891,

2.5885, 3.9327,

370.2021, 388.0517

3.5875

384.9264,
435.6054, 457.5311

■ 0.9401, 1.6360,
1.4019

■ 0.0000, 0.3817,
0.1432

■ 70.2903, 83.9933,
85.9064

■ 70.2903, 83.9933,
85.9064

■ 63.0773, 80.4237,
78.9509

■ 78.6385, 88.1445,
93.2880

■ 56.9398, 77.3981,
72.4075

■ 88.1639, 92.8921,
101.0980

■ 51.8231, 74.8909,
66.2696

■ 92.5523, 95.0047,
108.0674

■ 47.6648, 72.8700,
60.5282

■ 44.3952, 71.2996,
55.1736

■ 41.9348, 70.1389,
50.1959

■ 40.1889, 69.3391,
45.5838

■ 39.0231, 68.8290,
41.4230

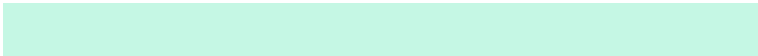
Harmonies

Analogous

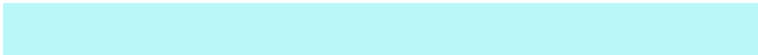
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4450, 83.9933, 73.6065



70.2903, 83.9933, 85.9064



70.6070, 83.9933, 101.1197

Triad

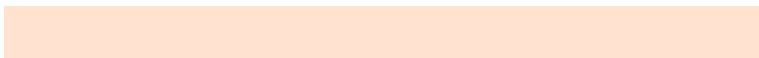
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2903, 83.9933, 85.9064



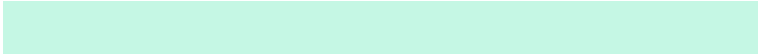
83.1402, 83.9933, 121.8170



86.7097, 83.9933, 71.3005

Complementary

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



70.2903, 83.9933, 85.9064



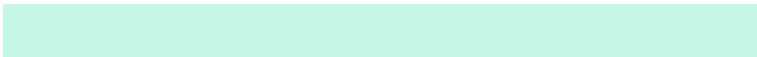
70.7217, 64.6667, 73.7238

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.



89.8298, 83.9933, 82.4256



70.2903, 83.9933, 85.9064



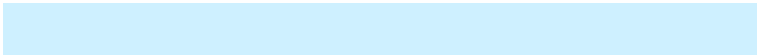
87.7072, 83.9933, 111.9768

Square

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



70.2903, 83.9933, 85.9064



77.8716, 83.9933, 123.0144



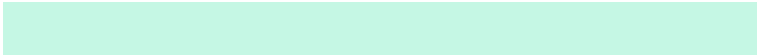
90.2028, 83.9933, 97.2363



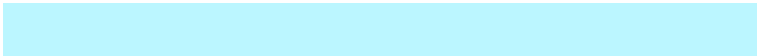
81.8272, 83.9933, 65.8144

Rectangle

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



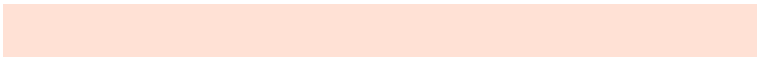
70.2903, 83.9933, 85.9064



72.1804, 83.9933, 110.8765



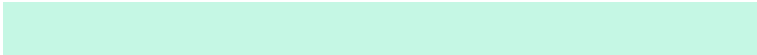
90.2028, 83.9933, 97.2363



88.0084, 83.9933, 74.4442

Sweetspot

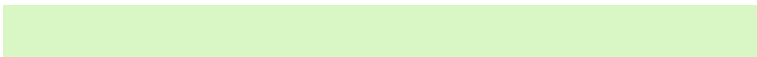
The Sweet Spot groups the original color and five complimentary colors.



70.2927, 83.9968, 85.9083



88.7212, 96.8439, 103.7908



71.7097, 85.1808, 65.4866



18.8486, 20.6581, 22.0986



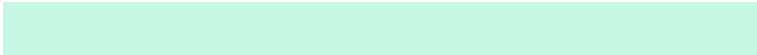
0.0000, 0.0000, 0.0000



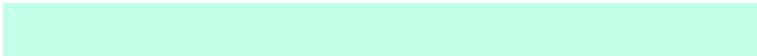
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2927, 83.9968, 85.9083



72.4856, 88.7744, 89.4662



71.3218, 81.5984, 99.9909



16.7142, 18.6448, 19.7791



20.7084, 36.4282, 22.2820



1.8700, 3.2217, 2.2214

Inverse Universe

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



70.7217, 64.6667, 73.7238



73.0193, 64.7674, 74.3385



69.7550, 66.4407, 61.9724



16.7597, 16.5867, 18.4811



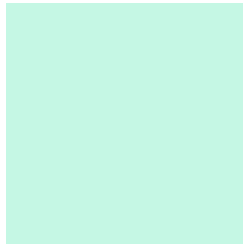
21.4153, 10.9096, 6.8955



1.9306, 0.9782, 0.8608

Previews

White Background



This preview shows how the XYZ color 70.2903, 83.9933, 85.9064 looks on a white background.

Color Contrast Check

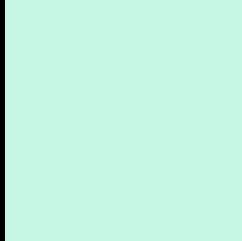
Large Text (above 18pt) WCAG AA × Fail

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 70.2903, 83.9933, 85.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

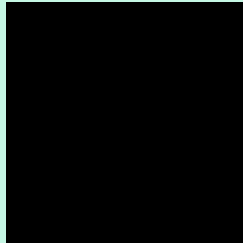
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

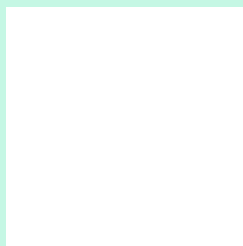
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2903, 83.9933, 85.9064

Background



This preview shows how black text looks on a background with the XYZ color 70.2903, 83.9933, 85.9064.



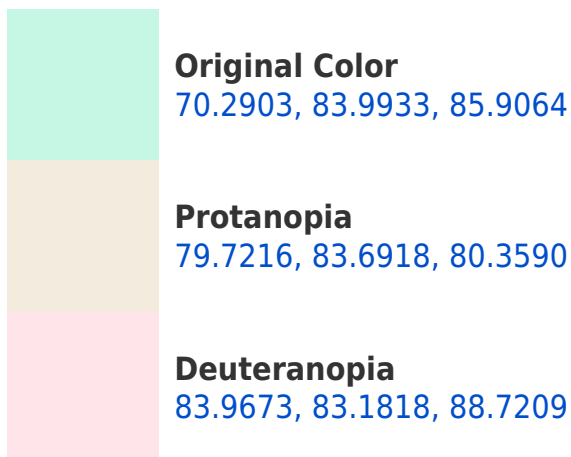
This preview shows how white text looks on a background with the XYZ color 70.2903, 83.9933,

85.9064.

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





Tritanopia

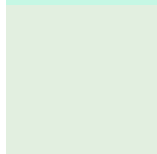
76.3615, 83.5372, 106.7074

Trichromacy



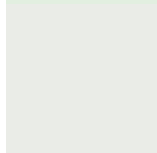
Original Color

70.2903, 83.9933, 85.9064



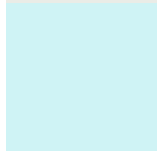
Protanomaly

75.6851, 83.2836, 82.6073



Deuteranomaly

78.3509, 83.2529, 87.5412



Tritanomaly

74.2641, 83.9592, 98.6778

Monochromacy



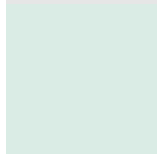
Original Color

70.2903, 83.9933, 85.9064



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.0518, 80.5535, 85.8269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2903, 83.9933, 85.9064 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, 247, 228)` looks like.

```
.text, #text, p{  
    color:rgb(197, 247, 228)  
}
```

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, 247, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 247, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.2903, 83.9933, 85.9064 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, 247, 228) }
```


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

```
.border{ border-color:rgb(197, 247, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 247, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 247, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 247, 228);  
box-shadow:4px 4px 4px 4px rgb(197, 247,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2903, 83.9933, 85.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 247, 228) }
```

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

```
.background{ background-color: rgb(197,  
247, 228) }
```

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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