

Converting Colors

XYZ(71.0424, 83.4778, 94.1771)

Have a look what the booklet for
XYZ(71.0424, 83.4778, 94.1771)
contains.

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Color

**XYZ(70.9973, 83.2726,
93.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F5EF
RGB	196, 245, 239
RGB Percent	77%, 96%, 94%
CMY	0.2314, 0.0392, 0.0627
CMYK	0.20, 0.00, 0.02, 0.04
HSL	173°, 71%, 86%
HSV	173°, 20%, 96%
XYZ	70.9973, 83.2726, 93.9926
YIQ	229.6650, -27.2780, -12.2540

Conversions

Conversions Part 2

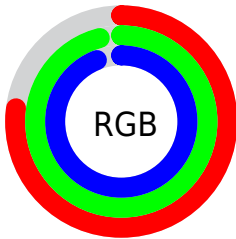
Format	Color
R _Y B	196, 222, 245
Decimal	12908015
CIE Lab	93.13, -16.74, -2.27
CIE LCh	93, 16.889, 187.728
Yxy	83.2726, 0.2860, 0.3354
Android (android.graphics.Color)	4291098095 (0xFFC4F5EF)
YUV	229.6650, 4.6022, -29.5242
Hunter-Lab	91.2538, -20.8176, 2.8082

Details

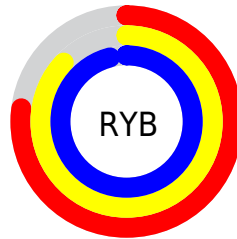
The XYZ color **70.9973, 83.2726, 93.9926** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0597, 63.1587, 64.4843**, and the grayscale version is **74.9497, 78.8529, 85.8708**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **37.7293, 45.4768, 51.5891** is the 20% darker color. If you saturate the color by 10%, you get **64.6984, 80.0784, 91.4037**, and if you desaturate by 10%, it is **78.3490, 87.0131, 96.6727**.

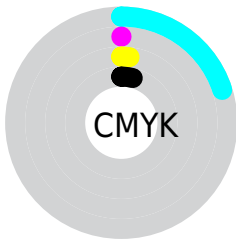
Distribution



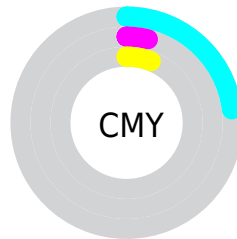
- Red (77%)
- Green (96%)
- Blue (94%)



- Red (77%)
- Yellow (87%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9973, 83.2726, 93.9926 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 70.9973, 83.2726, 93.9926 by changing the saturation by 10% instead.

70.9973, 83.2726,
93.9926

70.9973, 83.2726,
93.9926

453.2560,
505.8946, 561.8366

52.6225, 62.4151,
70.7045

119.6484,
137.9572, 154.8557

37.7278, 45.3682,
51.6208

150.6555,
172.5530, 193.2678

25.9477, 31.7475,
36.3227

186.6040,
212.4971, 237.5584

16.9170, 21.1687,
24.3919

227.8593,
258.1738, 288.1459

10.2703, 13.2474,
15.4097

274.7868,
309.9675, 345.4489

5.6422, 7.5991,
8.9576

327.7519,

2.6673, 3.8395,

368.2626, 409.8860

4.6171

387.1198,
433.4435, 481.8757

■ 0.9804, 1.5842,
1.9696

■ 0.0000, 0.3469,
0.5365

■ 70.9973, 83.2726,
93.9926

■ 70.9973, 83.2726,
93.9926

■ 64.6984, 80.0784,
91.4037

■ 78.3490, 87.0131,
96.6727

■ 59.3945, 77.3941,
88.8979

■ 86.7934, 91.3138,
99.4409

■ 55.0336, 75.1951,
86.4742

■ 90.8382, 93.3456,
102.0420

■ 51.5555, 73.4504,
84.1298

■ 91.3078, 93.5334,
104.5147

■ 48.8933, 72.1254,
81.8613

■ 91.7849, 93.7242,
107.0269

■ 46.9706, 71.1809,
79.6649

■ 91.9439, 93.7879,
107.8646

■ 45.6963, 70.5697,
77.5362

■ 44.9183, 70.2136,
75.4680

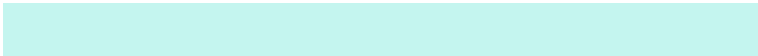
Harmonies

Analogous

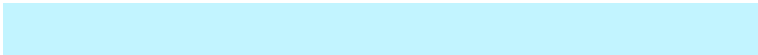
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5181, 83.2726, 81.7273



70.9973, 83.2726, 93.9926



72.5949, 83.2726, 106.4455

Triad

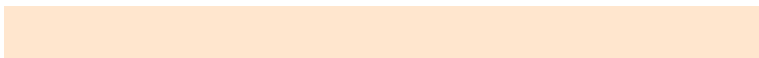
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9973, 83.2726, 93.9926



84.4802, 83.2726, 111.3841



82.4234, 83.2726, 69.9004

Complementary

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



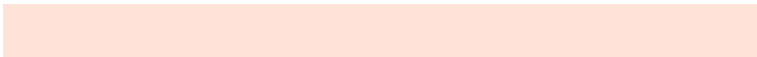
70.9973, 83.2726, 93.9926



68.0597, 63.1587, 64.4843

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.



86.0842, 83.2726, 76.5351



70.9973, 83.2726, 93.9926



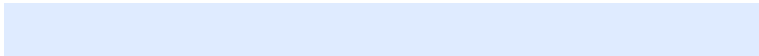
87.3023, 83.2726, 100.2418

Square

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



70.9973, 83.2726, 93.9926



80.3000, 83.2726, 117.0793



87.9000, 83.2726, 87.4261



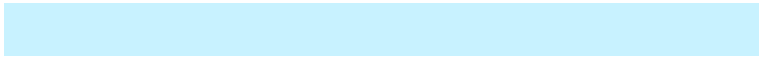
78.0073, 83.2726, 68.5640

Rectangle

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



70.9973, 83.2726, 93.9926



74.6828, 83.2726, 112.9200



87.9000, 83.2726, 87.4261



83.7879, 83.2726, 71.5529

Sweetspot

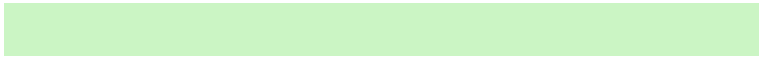
The Sweet Spot groups the original color and five complimentary colors.



70.9997, 83.2760, 93.9945



89.3431, 97.0927, 107.0653



67.1204, 81.9249, 64.5013



18.9958, 20.7170, 22.8741



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

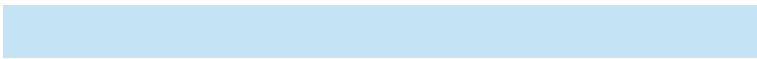
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9997, 83.2760, 93.9945



74.8230, 89.7093, 101.7747



66.7270, 73.2875, 97.0193



16.9042, 18.7208, 20.7797



24.2323, 37.8378, 40.8387



2.1539, 3.3352, 3.7162

Inverse Universe

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



68.0597, 63.1587, 64.4843



71.0650, 63.9857, 64.0470



71.6610, 71.4769, 62.2453



16.5817, 16.5155, 17.5439



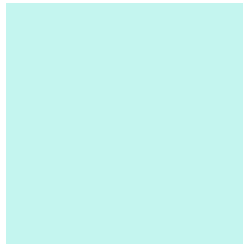
20.4389, 10.5190, 1.7535



1.8223, 0.9349, 0.2907

Previews

White Background



This preview shows how the XYZ color 70.9973, 83.2726, 93.9926 looks on a white background.

Color Contrast Check

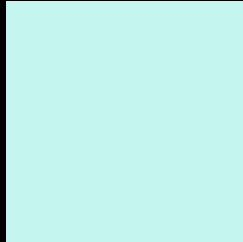
Large Text (above 18pt) WCAG AA × Fail

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 70.9973, 83.2726, 93.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

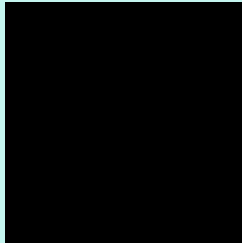
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

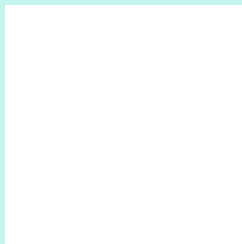
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9973, 83.2726, 93.9926

Background



This preview shows how black text looks on a background with the XYZ color 70.9973, 83.2726, 93.9926.



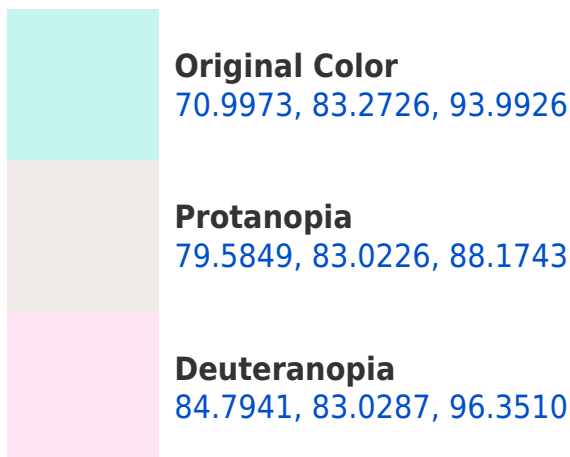
This preview shows how white text looks on a background with the XYZ color 70.9973, 83.2726,

93.9926.

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

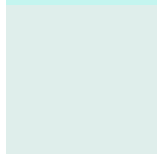
75.5046, 83.0955, 106.6673

Trichromacy



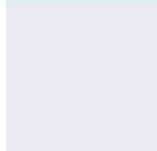
Original Color

70.9973, 83.2726, 93.9926



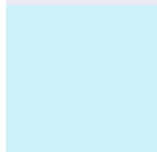
Protanomaly

76.0014, 82.8352, 90.5804



Deuteranomaly

79.0541, 82.5801, 95.7774



Tritanomaly

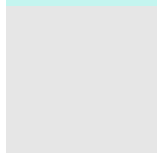
73.7529, 83.1812, 101.7909

Monochromacy



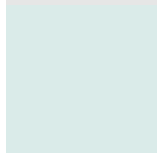
Original Color

70.9973, 83.2726, 93.9926



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.3298, 80.2053, 88.7071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9973, 83.2726, 93.9926 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(196, 245, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 245, 239)  
}
```

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(196, 245, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 245, 239) }
```

Border

The CSS property to change the border of an element to XYZ 70.9973, 83.2726, 93.9926 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(196, 245, 239) }
```


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

```
.border{ border-color:rgb(196, 245, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 245, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 245, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 245, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 245,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9973, 83.2726, 93.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 245, 239) }
```

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

```
.background{ background-color: rgb(196,  
245, 239) }
```

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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