

Converting Colors

XYZ(70.1148, 86.7908,
104.1690)

Have a look what the booklet for
XYZ(70.1148, 86.7908, 104.1690)
contains.

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Color

**XYZ(70.0880, 86.7329,
104.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFEFB
RGB	173, 254, 251
RGB Percent	68%, 100%, 98%
CMY	0.3216, 0.0039, 0.0157
CMYK	0.32, 0.00, 0.01, 0.00
HSL	178°, 98%, 84%
HSV	178°, 32%, 100%
XYZ	70.0880, 86.7329, 104.3139
YIQ	229.4390, -47.3130, -18.1050

Conversions

Conversions Part 2

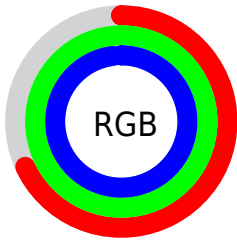
Format	Color
RYB	173, 214, 254
Decimal	11403003
CIELab	94.62, -25.11, -6.43
CIELCh	95, 25.919, 194.364
Yxy	86.7329, 0.2684, 0.3321
Android (android.graphics.Color)	4289593083 (0xFFADFEFB)
YUV	229.4390, 10.6296, -49.4970
Hunter-Lab	93.1305, -28.6431, -1.2184

Details

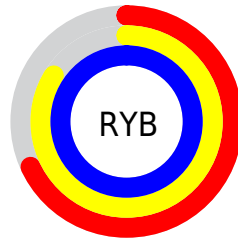
The XYZ color **70.0880, 86.7329, 104.3139** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **63.6561, 54.0951, 48.1640**, and the grayscale version is **74.7507, 78.6435, 85.6428**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **37.1527, 47.6545, 58.8699** is the 20% darker color. If you saturate the color by 10%, you get **64.8491, 84.0514, 103.2976**, and if you desaturate by 10%, it is **76.4004, 89.9720, 105.3881**.

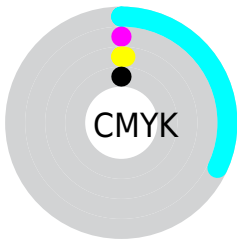
Distribution



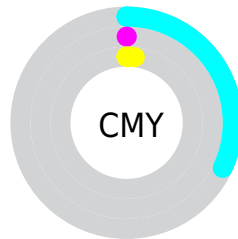
- Red (68%)
- Green (100%)
- Blue (98%)



- Red (68%)
- Yellow (84%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0880, 86.7329, 104.3139 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 70.0880, 86.7329, 104.3139 by changing the saturation by 10% instead.

70.0880, 86.7329,
104.3139

70.0880, 86.7329,
104.3139

450.1205,
517.3448, 595.3011

51.8781, 65.2742,
79.2712

118.3598,
142.7918, 169.1763

37.1318, 47.6834,
58.5962

149.1525,
178.1608, 209.8332

25.4837, 33.5763,
41.8703

184.8701,
218.9353, 256.5318

16.5685, 22.5683,
28.6749

225.8781,
265.4997, 309.6908

10.0207, 14.2750,
18.5916

272.5418,
318.2385, 369.7287

5.4750, 8.3122,
11.2017

325.2265,

2.5662, 4.2954,

377.5360, 437.0640

6.0868

384.2976,
443.7766, 512.1153

■ 0.9288, 1.8401,
2.8283

■ 0.0000, 0.5120,
1.0076

■ 70.0880, 86.7329,
104.3139

■ 70.0880, 86.7329,
104.3139

■ 64.8491, 84.0514,
103.2976

■ 76.4004, 89.9720,
105.3881

■ 60.6154, 81.8859,
102.3303

■ 83.8345, 93.7872,
106.5167

■ 57.3227, 80.2054,
101.4108

■ 92.4450, 98.2087,
107.7043

■ 54.8962, 78.9713,
100.5358

■ 94.6960, 99.3517,
108.5981

■ 53.2497, 78.1393,
99.7010

94.7333, 99.3666,
108.7944

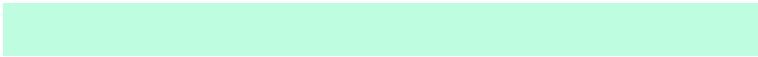
■ 52.2794, 77.6558,
98.9018

■ 51.8619, 77.4540,
98.2737

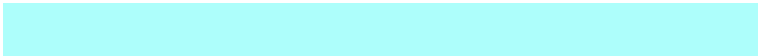
Harmonies

Analogous

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



70.1574, 86.7329, 84.4361



70.0880, 86.7329, 104.3139



73.1951, 86.7329, 123.9956

Triad

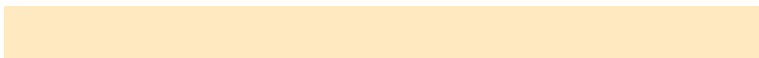
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0880, 86.7329, 104.3139



92.1983, 86.7329, 124.7219



86.1136, 86.7329, 62.0026

Complementary

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



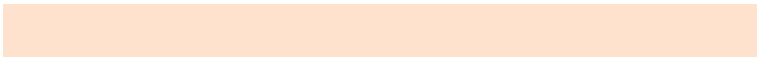
70.0880, 86.7329, 104.3139



63.6561, 54.0951, 48.1640

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.



92.4259, 86.7329, 69.9948



70.0880, 86.7329, 104.3139



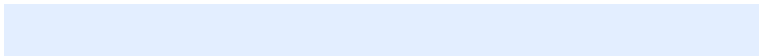
96.0719, 86.7329, 105.1988

Square

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



70.0880, 86.7329, 104.3139



85.8171, 86.7329, 136.8587



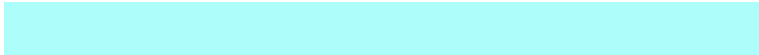
96.1575, 86.7329, 85.2048



79.1469, 86.7329, 61.8356

Rectangle

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



70.0880, 86.7329, 104.3139



76.7566, 86.7329, 133.5732



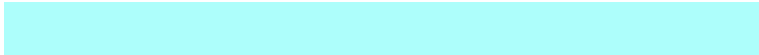
96.1575, 86.7329, 85.2048



88.3910, 86.7329, 63.8065

Sweetspot

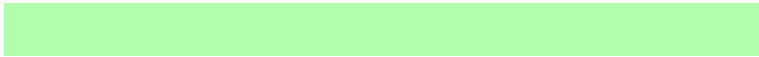
The Sweet Spot groups the original color and five complimentary colors.



70.0905, 86.7364, 104.3159



86.1310, 95.4196, 107.6901



61.1302, 83.2573, 52.3854



18.1881, 20.2967, 23.0148



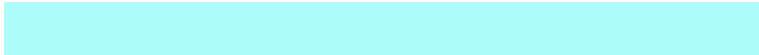
0.0000, 0.0000, 0.0000



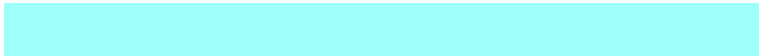
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0905, 86.7364, 104.3159



67.3572, 85.7900, 104.6132



60.0805, 65.9526, 103.3334



18.5241, 20.4692, 23.0626



27.3539, 40.8381, 51.8762



2.6721, 3.9798, 5.0970

Inverse Universe

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



63.6561, 54.0951, 48.1640



59.9782, 48.3456, 40.2096



71.3300, 69.9131, 49.2721



18.0367, 17.9980, 18.8102



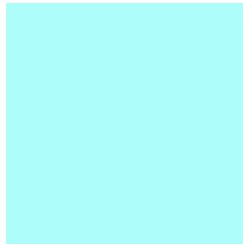
21.5876, 11.1243, 1.2130



2.1111, 1.0868, 0.1664

Previews

White Background



This preview shows how the XYZ color 70.0880, 86.7329, 104.3139 looks on a white background.

Color Contrast Check

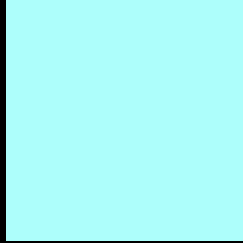
Large Text (above 18pt) WCAG AA × Fail

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 70.0880, 86.7329, 104.3139 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 70.0880, 86.7329, 104.3139

Background



This preview shows how black text looks on a background with the XYZ color 70.0880, 86.7329, 104.3139.

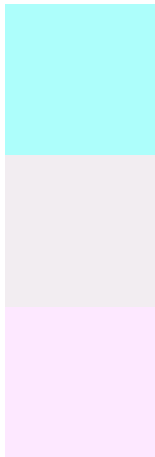


This preview shows how white text looks on a background with the XYZ color 70.0880, 86.7329,

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

70.0880, 86.7329, 104.3139

Protanopia

82.7793, 85.7965, 95.4165

Deuteranopia

87.4146, 85.8159, 106.5646



Tritanopia

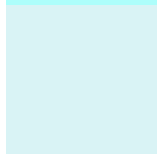
77.8538, 86.5219, 107.2048

Trichromacy



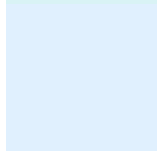
Original Color

70.0880, 86.7329, 104.3139



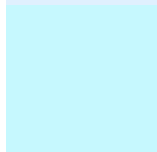
Protanomaly

77.1473, 85.4455, 98.8127



Deuteranomaly

79.7900, 85.3232, 106.0296



Tritanomaly

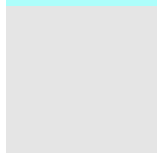
74.7455, 86.2963, 106.4833

Monochromacy



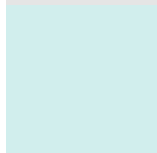
Original Color

70.0880, 86.7329, 104.3139



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.1551, 80.8188, 91.9174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0880, 86.7329, 104.3139 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(173, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(173, 254, 251)  
}
```

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(173, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 254, 251) }
```

Border

The CSS property to change the border of an element to XYZ 70.0880, 86.7329, 104.3139 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(173, 254, 251) }
```


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

```
.border{ border-color:rgb(173, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(173, 254,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0880, 86.7329, 104.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 254, 251) }
```

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

```
.background{ background-color: rgb(173,  
254, 251) }
```

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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