

Converting Colors

XYZ(70.0571, 84.3185,
107.1904)

Have a look what the booklet for
XYZ(70.0571, 84.3185, 107.1904)
contains.

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Color

**XYZ(70.0571, 84.3185,
107.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F9FF
RGB	177, 249, 255
RGB Percent	69%, 98%, 100%
CMY	0.3059, 0.0235, 0.0000
CMYK	0.31, 0.02, 0.00, 0.00
HSL	185°, 100%, 85%
HSV	185°, 31%, 100%
XYZ	70.0571, 84.3185, 107.1904
YIQ	228.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

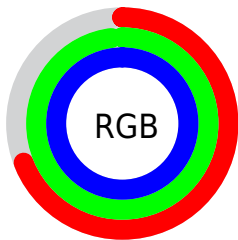
Format	Color
RYB	177, 214, 255
Decimal	11663871
CIELab	93.59, -20.71, -10.01
CIELCh	94, 23.002, 205.803
Yxy	84.3185, 0.2678, 0.3224
Android (android.graphics.Color)	4289853951 (0xFFB1F9FF)
YUV	228.1560, 13.2341, -44.8638
Hunter-Lab	91.8251, -24.5090, -4.9336

Details

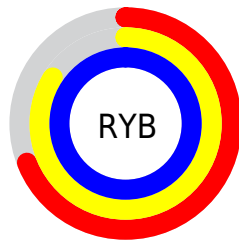
The XYZ color **70.0571, 84.3185, 107.1904** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.1093, 58.3008, 49.3655**, and the grayscale version is **73.7885, 77.6313, 84.5405**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **36.9278, 45.8414, 60.3281** is the 20% darker color. If you saturate the color by 10%, you get **64.1805, 80.3964, 106.7431**, and if you desaturate by 10%, it is **77.0297, 88.8192, 107.6917**.

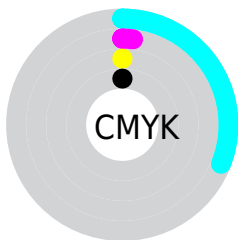
Distribution



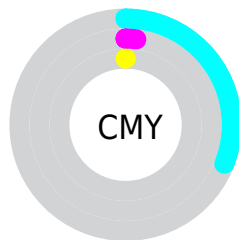
- Red (69%)
- Green (98%)
- Blue (100%)



- Red (69%)
- Yellow (84%)
- Blue (100%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0571, 84.3185, 107.1904 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 70.0571, 84.3185, 107.1904 by changing the saturation by 10% instead.

70.0571, 84.3185,
107.1904

70.0571, 84.3185,
107.1904

450.0138,
509.3703, 604.4504

51.8528, 63.2784,
81.6687

118.3160,
139.4206, 173.1416

37.1116, 46.0665,
60.5583

149.1014,
174.2515, 214.4083

25.4680, 32.2983,
43.4406

184.8112,
214.4480, 261.7603

16.5566, 21.5894,
29.8970

225.8107,
260.3947, 315.6163

10.0122, 13.5555,
19.5090

272.4654,
312.4758, 376.3947

5.4694, 7.8122,
11.8581

325.1406,

2.5628, 3.9750,

371.0759, 444.5142

6.5258

384.2016,
436.5793, 520.3932

■ 0.9270, 1.6596,
3.0934

■ 0.0000, 0.3973,
1.1425

■ 70.0571, 84.3185,
107.1904

■ 70.0571, 84.3185,
107.1904

■ 64.1805, 80.3964,
106.7431

■ 77.0297, 88.8192,
107.6917

■ 59.3327, 77.0118,
106.3454

■ 85.1475, 93.9176,
108.2479

■ 55.4492, 74.1338,
105.9945

■ 94.4648, 99.6438,
108.8621

■ 52.4559, 71.7239,
105.6871

■ 95.0500, 100.0000,
108.9000

■ 50.2674, 69.7382,
105.4192

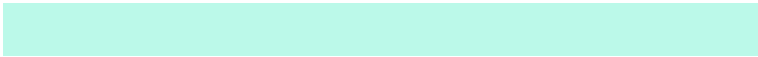
■ 48.7817, 68.1241,
105.1859

■ 47.8728, 66.8655,
104.9909

Harmonies

Analogous

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



69.0237, 84.3185, 89.3763



70.0571, 84.3185, 107.1904



73.7404, 84.3185, 122.4278

Triad

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



70.0571, 84.3185, 107.1904



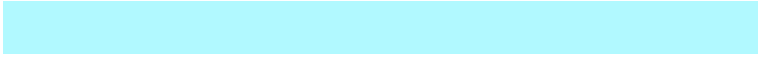
90.2210, 84.3185, 111.9727



81.0021, 84.3185, 62.2641

Complementary

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



70.0571, 84.3185, 107.1904



66.1093, 58.3008, 49.3655

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.



86.9042, 84.3185, 66.7742



70.0571, 84.3185, 107.1904



92.3948, 84.3185, 94.2845

Square

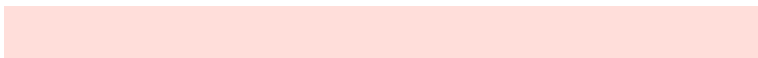
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0571, 84.3185, 107.1904



85.3471, 84.3185, 125.4250



91.1515, 84.3185, 77.9734



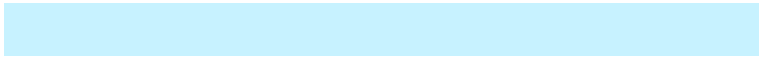
75.1534, 84.3185, 64.8091

Rectangle

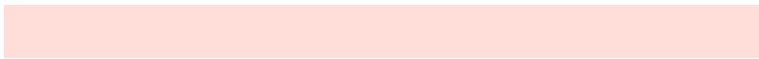
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0571, 84.3185, 107.1904



77.3049, 84.3185, 128.3019



91.1515, 84.3185, 77.9734



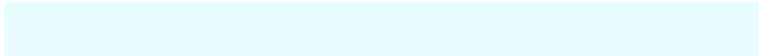
83.0481, 84.3185, 62.9880

Sweetspot

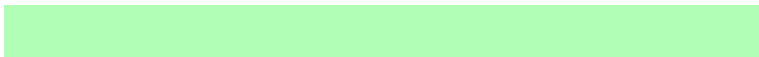
The Sweet Spot groups the original color and five complimentary colors.



70.0593, 84.3218, 107.1910



86.5448, 94.7838, 108.3414



62.3567, 84.2533, 57.3420



18.2497, 20.1175, 23.1712



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

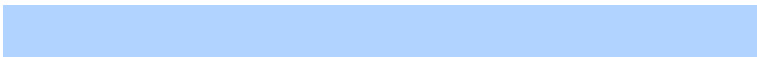
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0593, 84.3218, 107.1910



66.1674, 81.7405, 106.8978



59.4273, 63.0576, 103.6469



18.4284, 20.2283, 23.1831



25.0648, 35.0392, 54.8768



2.4746, 3.4798, 5.3545

Inverse Universe

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



74.0624, 59.5454, 97.2163



70.8279, 53.3892, 95.1740



75.0858, 76.2538, 52.3577



18.7289, 18.2749, 22.4553



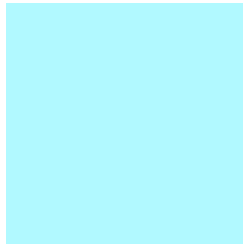
29.4397, 14.2652, 42.5617



2.8837, 1.3958, 4.2347

Previews

White Background



This preview shows how the XYZ color 70.0571, 84.3185, 107.1904 looks on a white background.

Color Contrast Check

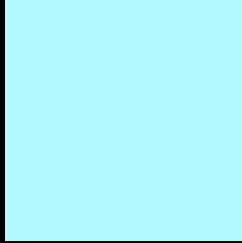
Large Text (above 18pt) WCAG AA × Fail

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 70.0571, 84.3185, 107.1904 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 70.0571, 84.3185, 107.1904

Background



This preview shows how black text looks on a background with the XYZ color 70.0571, 84.3185, 107.1904.

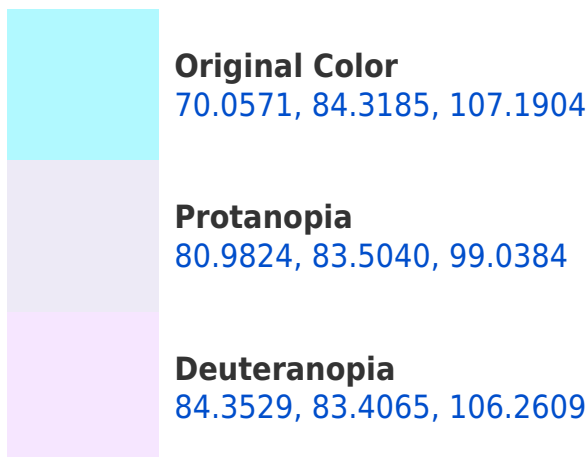


This preview shows how white text looks on a background with the XYZ color 70.0571, 84.3185,

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

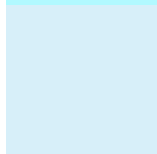
75.0024, 84.1586, 106.8989

Trichromacy



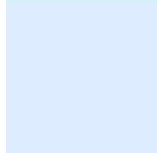
Original Color

70.0571, 84.3185, 107.1904



Protanomaly

75.9897, 83.0196, 101.6418



Deuteranomaly

78.1530, 83.1605, 106.5402



Tritanomaly

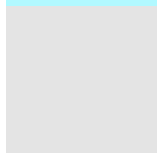
72.9505, 83.9941, 106.9753

Monochromacy



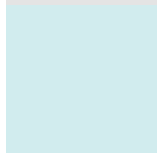
Original Color

70.0571, 84.3185, 107.1904



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.7226, 79.7193, 92.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0571, 84.3185, 107.1904 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(177, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 249, 255)  
}
```

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(177, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.0571, 84.3185, 107.1904 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(177, 249, 255) }
```


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

```
.border{ border-color:rgb(177, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(177, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0571, 84.3185, 107.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 249, 255) }
```

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

```
.background{ background-color: rgb(177,  
249, 255) }
```

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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