

Converting Colors

XYZ(70.8659, 85.4259,
107.3616)

Have a look what the booklet for
XYZ(70.8659, 85.4259, 107.3616)
contains.

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Color

**XYZ(71.1376, 85.7981,
107.4191)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FBFF
RGB	179, 251, 255
RGB Percent	70%, 98%, 100%
CMY	0.2980, 0.0157, 0.0000
CMYK	0.30, 0.02, 0.00, 0.00
HSL	183°, 100%, 85%
HSV	183°, 30%, 100%
XYZ	71.1376, 85.7981, 107.4191
YIQ	229.9280, -44.1960, -14.0200

Conversions

Conversions Part 2

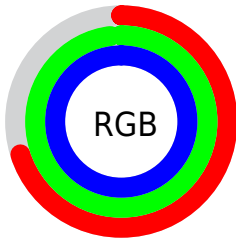
Format	Color
RYB	179, 216, 255
Decimal	11795455
CIELab	94.23, -21.15, -9.05
CIELCh	94, 23.003, 203.181
Yxy	85.7981, 0.2691, 0.3246
Android (android.graphics.Color)	4289985535 (0xFFB3FBFF)
YUV	229.9280, 12.3605, -44.6639
Hunter-Lab	92.6273, -25.0100, -3.9191

Details

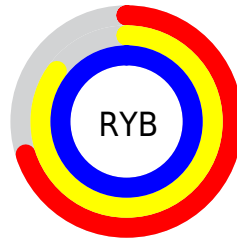
The XYZ color **71.1376, 85.7981, 107.4191** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3103, 58.3813, 50.4234**, and the grayscale version is **75.0974, 79.0083, 86.0400**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **37.6532, 46.8717, 60.4887** is the 20% darker color. If you saturate the color by 10%, you get **65.3634, 82.2041, 107.0297**, and if you desaturate by 10%, it is **78.0090, 89.9665, 107.8615**.

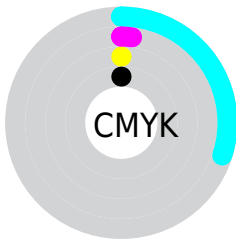
Distribution



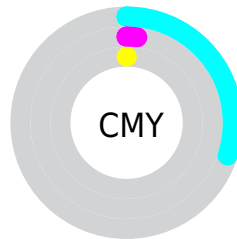
- Red (70%)
- Green (98%)
- Blue (100%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1376, 85.7981, 107.4191 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 71.1376, 85.7981, 107.4191 by changing the saturation by 10% instead.

71.1376, 85.7981,
107.4191

71.1376, 85.7981,
107.4191

453.7387,
514.2652, 605.1747

52.7374, 64.5010,
81.8595

119.8471,
141.4877, 173.4564

37.8198, 47.0566,
60.7146

150.8871,
176.6490, 214.7713

26.0195, 33.0804,
43.5658

186.8711,
217.2006, 262.1749

16.9710, 22.1880,
29.9946

228.1645,
263.5267, 316.0860

10.3090, 13.9951,
19.5825

275.1326,
316.0119, 376.9230

5.6681, 8.1173,
11.9109

328.1407,

2.6831, 4.1701,

375.0404, 445.1044

6.5612

387.5543,
440.9967, 521.0488

■ 0.9885, 1.7692,
3.1150

■ 0.0000, 0.4678,
1.1536

■ 71.1376, 85.7981,
107.4191

■ 71.1376, 85.7981,
107.4191

■ 65.3634, 82.2041,
107.0297

■ 78.0090, 89.9665,
107.8615

■ 60.6196, 79.1434,
106.6890

■ 86.0264, 94.7280,
108.3580

■ 56.8423, 76.5854,
106.3943

95.0500, 100.0000,
108.9000

■ 53.9579, 74.4921,
106.1423

■ 51.8823, 72.8201,
105.9289

■ 50.5151, 71.5176,
105.7496

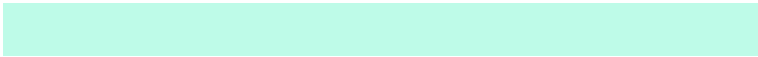
■ 49.6956, 70.5019,
105.5967

■ 49.6815, 70.4829,
105.5938

Harmonies

Analogous

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



70.3440, 85.7981, 89.4497



71.1376, 85.7981, 107.4191



74.6542, 85.7981, 123.2917

Triad

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



71.1376, 85.7981, 107.4191



91.4028, 85.7981, 115.2588



82.9629, 85.7981, 63.6232

Complementary

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



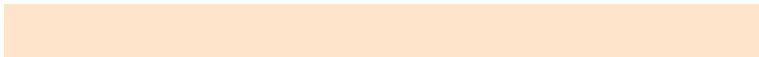
71.1376, 85.7981, 107.4191



66.3103, 58.3813, 50.4234

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.



88.8548, 85.7981, 68.8099



71.1376, 85.7981, 107.4191



93.8838, 85.7981, 97.5052

Square

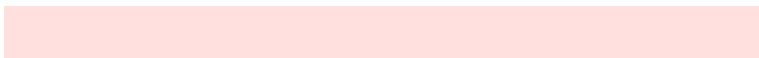
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1376, 85.7981, 107.4191



86.3005, 85.7981, 128.2013



92.9286, 85.7981, 80.6924



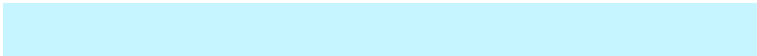
76.9743, 85.7981, 65.5771

Rectangle

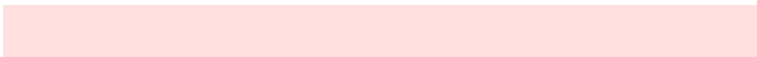
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1376, 85.7981, 107.4191



78.1691, 85.7981, 129.7981



92.9286, 85.7981, 80.6924



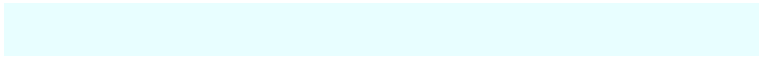
85.0239, 85.7981, 64.5653

Sweetspot

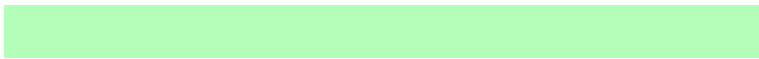
The Sweet Spot groups the original color and five complimentary colors.



71.1399, 85.8014, 107.4196



86.7212, 95.1368, 108.4003



62.8780, 84.5148, 57.6914



18.2935, 20.2052, 23.1858



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.



71.1399, 85.8014, 107.4196



67.4349, 83.5070, 107.1720



60.4863, 64.4942, 103.8684



18.4682, 20.3081, 23.1964



25.9952, 36.9000, 55.1869



2.5551, 3.6410, 5.3814

Inverse Universe

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



74.7741, 60.4669, 99.0009



71.6553, 54.4385, 97.3166



75.1811, 76.1230, 53.3804



18.7490, 18.2829, 22.5613



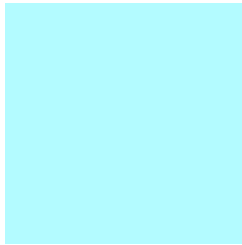
29.9094, 14.4530, 45.0347



2.9243, 1.4121, 4.4488

Previews

White Background



This preview shows how the XYZ color 71.1376, 85.7981, 107.4191 looks on a white background.

Color Contrast Check

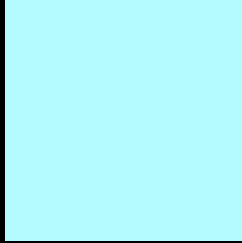
Large Text (above 18pt) WCAG AA × Fail

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 71.1376, 85.7981, 107.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

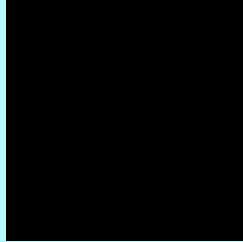
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1376, 85.7981, 107.4191

Background



This preview shows how black text looks on a background with the XYZ color 71.1376, 85.7981, 107.4191.

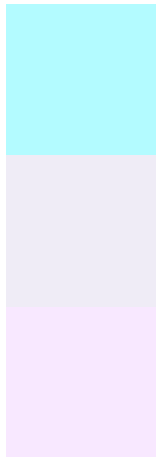


This preview shows how white text looks on a background with the XYZ color 71.1376, 85.7981,

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

71.1376, 85.7981, 107.4191

Protanopia

82.2266, 84.9954, 99.2607

Deuteranopia

85.6180, 84.8897, 106.4805



Tritanopia

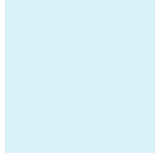
76.9790, 85.6230, 107.0774

Trichromacy



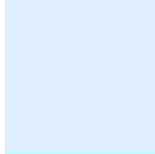
Original Color

71.1376, 85.7981, 107.4191



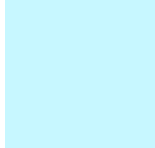
Protanomaly

77.1695, 84.5019, 101.8658



Deuteranomaly

79.3479, 84.6410, 106.7630



Tritanomaly

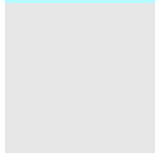
74.8640, 85.8836, 107.2392

Monochromacy



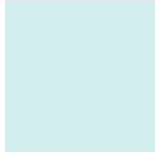
Original Color

71.1376, 85.7981, 107.4191



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.0185, 81.2300, 93.4918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1376, 85.7981, 107.4191 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(179, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 251, 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(179, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.1376, 85.7981, 107.4191 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(179, 251, 255) }
```


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

```
.border{ border-color:rgb(179, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1376, 85.7981, 107.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 251, 255) }
```

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

```
.background{ background-color: rgb(179,  
251, 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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