

Converting Colors

XYZ(71.0910, 84.1000,
107.0938)

Have a look what the booklet for
XYZ(71.0910, 84.1000, 107.0938)
contains.

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Color

**XYZ(71.0779, 83.9319,
107.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F7FF
RGB	184, 247, 255
RGB Percent	72%, 97%, 100%
CMY	0.2784, 0.0314, 0.0000
CMYK	0.28, 0.03, 0.00, 0.00
HSL	187°, 100%, 86%
HSV	187°, 28%, 100%
XYZ	71.0779, 83.9319, 107.0620
YIQ	229.0750, -40.1160, -10.8680

Conversions

Conversions Part 2

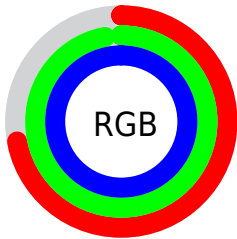
Format	Color
RYB	184, 217, 255
Decimal	12122111
CIELab	93.42, -17.80, -10.22
CIELCh	93, 20.529, 209.864
Yxy	83.9319, 0.2712, 0.3203
Android (android.graphics.Color)	4290312191 (0xFFB8F7FF)
YUV	229.0750, 12.7810, -39.5308
Hunter-Lab	91.6144, -21.8380, -5.1572

Details

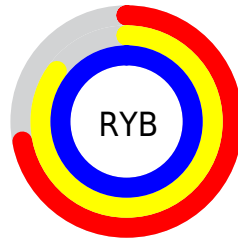
The XYZ color **71.0779, 83.9319, 107.0620** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7413, 62.4194, 53.7742**, and the grayscale version is **74.4633, 78.3412, 85.3136**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **37.8771, 46.0059, 60.3098** is the 20% darker color. If you saturate the color by 10%, you get **64.6405, 79.3217, 106.5115**, and if you desaturate by 10%, it is **78.6343, 89.1432, 107.6696**.

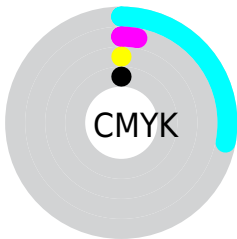
Distribution



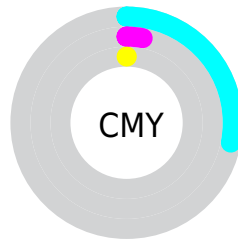
- Red (72%)
- Green (97%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (28%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0779, 83.9319, 107.0620 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 71.0779, 83.9319, 107.0620 by changing the saturation by 10% instead.


 71.0779, 83.9319,
107.0620

 71.0779, 83.9319,
107.0620


453.5333,
508.0871, 604.0435

 52.6885, 62.9592,
81.5616


 119.7626,
138.8799, 172.9649

 37.7807, 45.8082,
60.4705


150.7885,
173.6240, 214.2044

 25.9889, 32.0945,
43.3702


186.7575,
213.7274, 261.5274

 16.9480, 21.4337,
29.8422

228.0347,
259.5744, 315.3525

 10.2925, 13.4414,
19.4678

274.9855,
311.5495, 376.0981

 5.6571, 7.7332,
11.8286

327.9753,

 2.6764, 3.9247,

370.0371, 444.1827

6.5059

387.3695,
435.4215, 520.0250

■ 0.9850, 1.6315,
3.0814

■ 0.0000, 0.3787,
1.1363

■ 71.0779, 83.9319,
107.0620

■ 71.0779, 83.9319,
107.0620

■ 64.6405, 79.3217,
106.5115

■ 78.6343, 89.1432,
107.6696

■ 59.2561, 75.2723,
106.0136

■ 87.3578, 94.9743,
108.3354

■ 54.8622, 71.7534,
105.5660

95.0500, 100.0000,
108.9000

■ 51.3868, 68.7278,
105.1652

■ 48.7481, 66.1532,
104.8073

■ 46.8494, 63.9797,
104.4878

■ 45.5615, 62.1407,
104.2008

■ 45.3235, 61.7670,
104.1412

Harmonies

Analogous

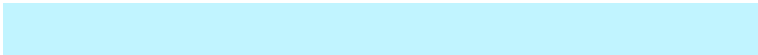
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8048, 83.9319, 91.3167



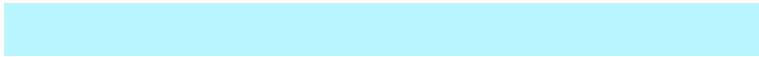
71.0779, 83.9319, 107.0620



74.6584, 83.9319, 119.6922

Triad

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



71.0779, 83.9319, 107.0620



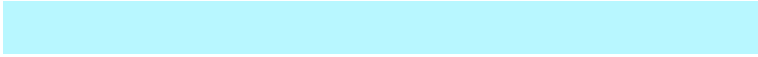
89.1269, 83.9319, 107.1985



79.7995, 83.9319, 64.6833

Complementary

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



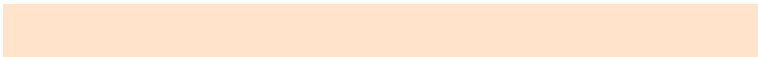
71.0779, 83.9319, 107.0620



68.7413, 62.4194, 53.7742

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.



85.1197, 83.9319, 67.9389



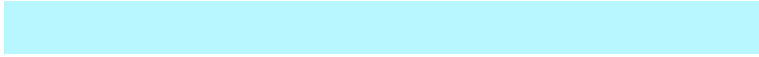
71.0779, 83.9319, 107.0620



90.6515, 83.9319, 91.4585

Square

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



71.0779, 83.9319, 107.0620



85.0749, 83.9319, 119.7771



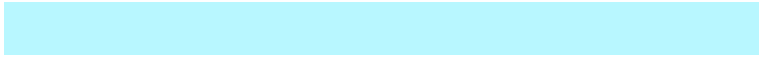
89.1536, 83.9319, 77.3229



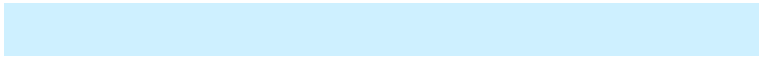
74.6994, 83.9319, 67.8807

Rectangle

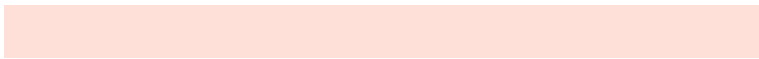
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0779, 83.9319, 107.0620



77.9555, 83.9319, 124.0128



89.1536, 83.9319, 77.3229



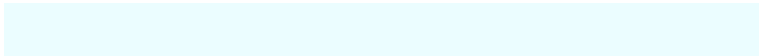
81.6221, 83.9319, 65.0537

Sweetspot

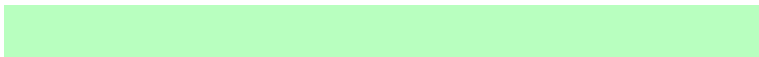
The Sweet Spot groups the original color and five complimentary colors.



71.0801, 83.9352, 107.0625



87.2105, 94.8771, 108.3244



64.9432, 85.4768, 62.4254



18.3699, 20.1114, 23.1636



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.



71.0801, 83.9352, 107.0625



67.6230, 81.4831, 106.7715



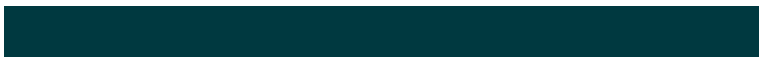
61.4620, 64.6989, 103.8565



18.3699, 20.1114, 23.1636



23.7524, 32.4144, 54.4393



2.3603, 3.2513, 5.3164

Inverse Universe

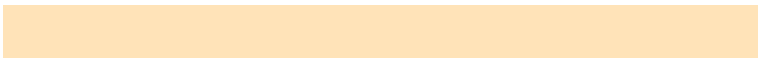
The Inverse Universe completely reimagines the original color for something new.



75.1704, 62.2580, 96.0546



72.3361, 56.9538, 93.9865



77.2522, 79.4411, 56.6111



18.6994, 18.2631, 22.2999



28.7773, 14.0002, 39.0734



2.8260, 1.3728, 3.9310

Previews

White Background



This preview shows how the XYZ color 71.0779, 83.9319, 107.0620 looks on a white background.

Color Contrast Check

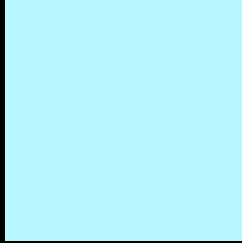
Large Text (above 18pt) WCAG AA × Fail

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 71.0779, 83.9319, 107.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

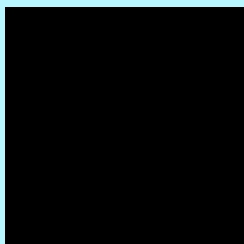
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0779, 83.9319, 107.0620

Background



This preview shows how black text looks on a background with the XYZ color 71.0779, 83.9319, 107.0620.

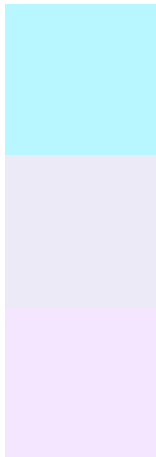


This preview shows how white text looks on a background with the XYZ color 71.0779, 83.9319,

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

71.0779, 83.9319, 107.0620

Protanopia

80.8034, 83.3939, 99.8335

Deuteranopia

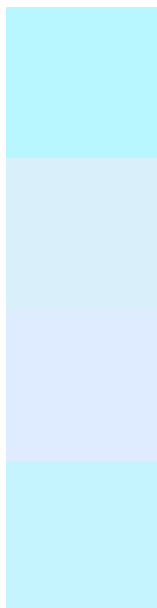
84.0030, 83.2261, 106.2446



Tritanopia

74.9790, 83.7034, 106.8123

Trichromacy



Original Color

71.0779, 83.9319, 107.0620

Protanomaly

76.7371, 83.3868, 102.4933

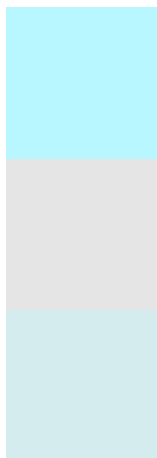
Deuteranomaly

78.4769, 82.8989, 106.4727

Tritanomaly

73.4266, 83.7917, 106.9112

Monochromacy



Original Color

71.0779, 83.9319, 107.0620

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

72.8686, 80.3101, 92.5497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0779, 83.9319, 107.0620 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(184, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 247, 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(184, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.0779, 83.9319, 107.0620 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(184, 247, 255) }
```


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

```
.border{ border-color:rgb(184, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0779, 83.9319, 107.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 247, 255) }
```

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

```
.background{ background-color: rgb(184,  
247, 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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