

Converting Colors

XYZ(74.1105, 87.2340,
118.6402)

Have a look what the booklet for
XYZ(74.1105, 87.2340, 118.6402)
contains.

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Color

**XYZ(71.8386, 86.1594,
107.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FBFF
RGB	182, 251, 255
RGB Percent	71%, 98%, 100%
CMY	0.2863, 0.0157, 0.0000
CMYK	0.29, 0.02, 0.00, 0.00
HSL	183°, 100%, 86%
HSV	183°, 29%, 100%
XYZ	71.8386, 86.1594, 107.4519
YIQ	230.8250, -42.4080, -13.3840

Conversions

Conversions Part 2

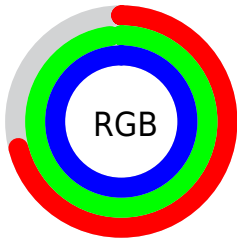
Format	Color
R_{YB}	182, 217, 255
Decimal	11992063
CIE _{Lab}	94.38, -20.33, -8.81
CIE _{LCh}	94, 22.152, 203.431
Yxy	86.1594, 0.2706, 0.3246
Android (android.graphics.Color)	4290182143 (0xFFB6FBFF)
YUV	230.8250, 11.9183, -42.8195
Hunter-Lab	92.8221, -24.2906, -3.6593

Details

The XYZ color **71.8386, 86.1594, 107.4519** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.2426, 59.7549, 52.2477**, and the grayscale version is **75.7642, 79.7099, 86.8041**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **38.2372, 47.1728, 60.5160** is the 20% darker color. If you saturate the color by 10%, you get **65.9221, 82.4666, 107.0509**, and if you desaturate by 10%, it is **78.8593, 90.4306, 107.9063**.

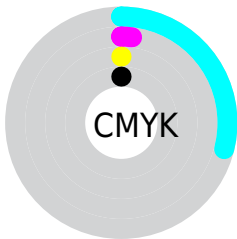
Distribution



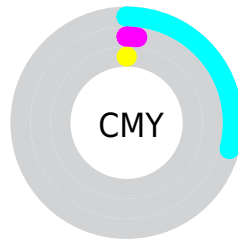
- Red (71%)
- Green (98%)
- Blue (100%)



- Red (71%)
- Yellow (85%)
- Blue (100%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8386, 86.1594, 107.4519 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 71.8386, 86.1594, 107.4519 by changing the saturation by 10% instead.

71.8386, 86.1594,
107.4519

71.8386, 86.1594,
107.4519

456.1460,
515.4567, 605.2786

53.3118, 64.7998,
81.8869

120.8391,
141.9919, 173.5016

38.2802, 47.2988,
60.7370

152.0435,
177.2336, 214.8233

26.3785, 33.2719,
43.5838

188.2045,
217.8714, 262.2344

17.2411, 22.3348,
30.0087

229.6875,
264.2898, 316.1533

10.5029, 14.1031,
19.5930

276.8578,
316.8731, 376.9987

5.7985, 8.1924,
11.9184

330.0807,

2.7624, 4.2183,

376.0058, 445.1890

6.5663

389.7217,
442.0722, 521.1428

■ 1.0294, 1.7964,
3.1181

■ 0.0000, 0.4849,
1.1552

■ 71.8386, 86.1594,
107.4519

■ 71.8386, 86.1594,
107.4519

■ 65.9221, 82.4666,
107.0509

■ 78.8593, 90.4306,
107.9063

■ 61.0436, 79.3115,
106.6991

■ 87.0326, 95.2985,
108.4151

■ 57.1400, 76.6638,
106.3937

95.0500, 100.0000,
108.9000

■ 54.1387, 74.4859,
106.1315

■ 51.9570, 72.7353,
105.9086

■ 50.4968, 71.3614,
105.7204

■ 49.6186, 70.2921,
105.5603

■ 49.5180, 70.1559,
105.5393

Harmonies

Analogous

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



71.0460, 86.1594, 90.1152



71.8386, 86.1594, 107.4519



75.2643, 86.1594, 122.6595

Triad

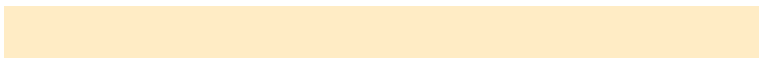
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8386, 86.1594, 107.4519



91.4265, 86.1594, 114.7152



83.2074, 86.1594, 64.8870

Complementary

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



71.8386, 86.1594, 107.4519



67.2426, 59.7549, 52.2477

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.



88.8976, 86.1594, 69.8856



71.8386, 86.1594, 107.4519



93.7891, 86.1594, 97.6105

Square

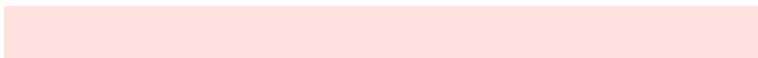
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8386, 86.1594, 107.4519



86.5252, 86.1594, 127.1952



92.8420, 86.1594, 81.3799



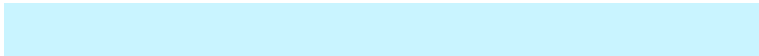
77.4271, 86.1594, 66.8511

Rectangle

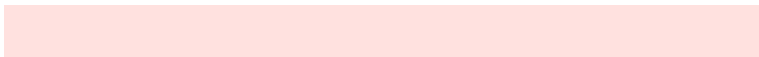
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



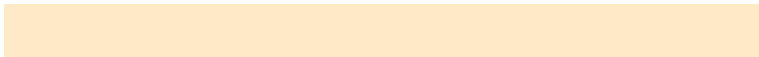
71.8386, 86.1594, 107.4519



78.6732, 86.1594, 128.8453



92.8420, 86.1594, 81.3799



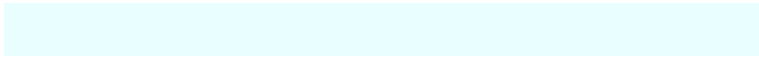
85.1973, 86.1594, 65.7867

Sweetspot

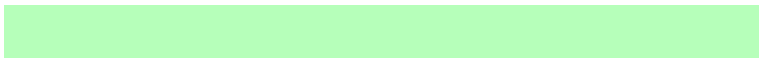
The Sweet Spot groups the original color and five complimentary colors.



71.8409, 86.1627, 107.4524



86.7055, 95.1053, 108.3950



63.8784, 84.9960, 59.3005



18.2896, 20.1974, 23.1845



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

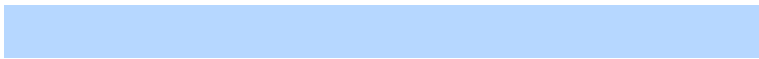
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8409, 86.1627, 107.4524



68.5272, 84.1073, 107.2303



61.6050, 65.6910, 104.0404



18.4647, 20.3010, 23.1952



25.9111, 36.7318, 55.1589



2.5479, 3.6264, 5.3790

Inverse Universe

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



75.3820, 61.6827, 99.2035



72.5934, 56.2943, 97.6917



75.8454, 76.9607, 55.1153



18.7472, 18.2822, 22.5519



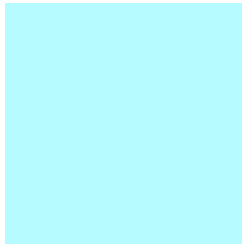
29.8669, 14.4361, 44.8112



2.9207, 1.4106, 4.4295

Previews

White Background



This preview shows how the XYZ color 71.8386, 86.1594, 107.4519 looks on a white background.

Color Contrast Check

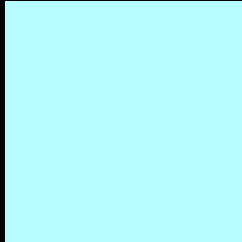
Large Text (above 18pt) WCAG AA × Fail

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 71.8386, 86.1594, 107.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

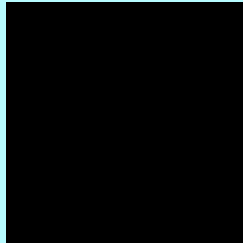
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8386, 86.1594, 107.4519

Background



This preview shows how black text looks on a background with the XYZ color 71.8386, 86.1594, 107.4519.

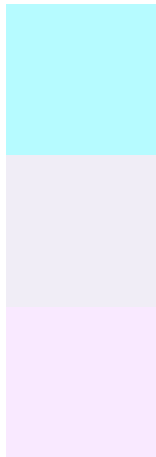


This preview shows how white text looks on a background with the XYZ color 71.8386, 86.1594,

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

71.8386, 86.1594, 107.4519

Protanopia

82.8539, 85.7475, 99.3728

Deuteranopia

86.2558, 85.6376, 106.5913



Tritanopia

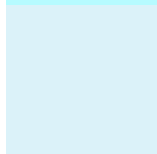
77.5521, 85.9184, 107.1042

Trichromacy



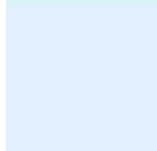
Original Color

71.8386, 86.1594, 107.4519



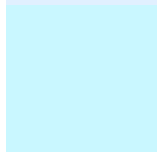
Protanomaly

78.0644, 85.4039, 101.9927



Deuteranomaly

80.2614, 85.5477, 106.8899



Tritanomaly

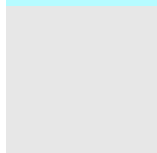
75.3982, 86.1590, 107.2642

Monochromacy



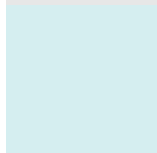
Original Color

71.8386, 86.1594, 107.4519



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.7433, 81.5865, 94.2992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8386, 86.1594, 107.4519 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(182, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.8386, 86.1594, 107.4519 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(182, 251, 255) }
```


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

```
.border{ border-color:rgb(182, 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(182, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8386, 86.1594, 107.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 251, 255) }
```

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

```
.background{ background-color: rgb(182,  
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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