

Converting Colors

XYZ(71.7139, 81.0534,
104.3349)

Have a look what the booklet for
XYZ(71.7139, 81.0534, 104.3349)
contains.

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Color

**XYZ(71.7567, 81.2188,
103.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F0FC
RGB	197, 240, 252
RGB Percent	77%, 94%, 99%
CMY	0.2274, 0.0588, 0.0118
CMYK	0.22, 0.05, 0.00, 0.01
HSL	193°, 90%, 88%
HSV	193°, 22%, 99%
XYZ	71.7567, 81.2188, 103.9903
YIQ	228.5110, -29.4800, -5.3840

Conversions

Conversions Part 2

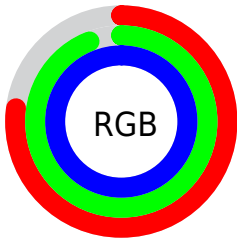
Format	Color
RYB	197, 221, 252
Decimal	12972284
CIELab	92.23, -11.22, -10.36
CIELCh	92, 15.273, 222.696
Yxy	81.2188, 0.2792, 0.3161
Android (android.graphics.Color)	4291162364 (0xFFC5F0FC)
YUV	228.5110, 11.5801, -27.6351
Hunter-Lab	90.1215, -15.5870, -5.3291

Details

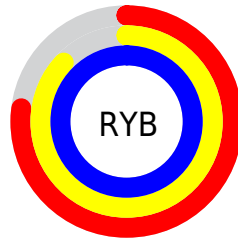
The XYZ color **71.7567, 81.2188, 103.9903** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0241, 70.3277, 62.5507**, and the grayscale version is **74.0522, 77.9087, 84.8426**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.1461, 43.9719, 58.1067** is the 20% darker color. If you saturate the color by 10%, you get **64.1085, 74.9121, 103.1774**, and if you desaturate by 10%, it is **80.5617, 88.1988, 104.8748**.

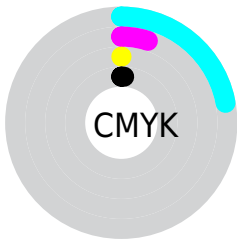
Distribution



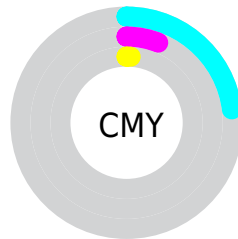
- Red (77%)
- Green (94%)
- Blue (99%)



- Red (77%)
- Yellow (87%)
- Blue (99%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7567, 81.2188, 103.9903 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 71.7567, 81.2188, 103.9903 by changing the saturation by 10% instead.

71.7567, 81.2188,
103.9903

71.7567, 81.2188,
103.9903

455.8651,
499.0308, 594.2672

53.2447, 60.7218,
79.0018

120.7232,
135.0779, 168.7296

38.2264, 44.0007,
58.3759

151.9085,
169.2089, 209.3174

26.3365, 30.6711,
41.6943

188.0489,
208.6533, 255.9421

17.2095, 20.3485,
28.5382

229.5097,
253.7956, 309.0222

10.4802, 12.6486,
18.4892

276.6564,
305.0200, 368.9762

5.7832, 7.1870,
11.1287

329.8543,

2.7531, 3.5793,

362.7111, 436.2226

6.0382

389.4688,
427.2533, 511.1801

■ 1.0246, 1.4412,
2.7992

■ 0.0000, 0.2468,
0.9930

■ 71.7567, 81.2188,
103.9903

■ 71.7567, 81.2188,
103.9903

■ 64.1085, 74.9121,
103.1774

■ 80.5617, 88.1988,
104.8748

■ 57.5548, 69.2396,
102.4279

■ 90.5677, 95.8693,
105.8280

■ 52.0379, 64.1731,
101.7408

■ 94.5709, 99.8084,
106.3773

■ 47.4921, 59.6781,
101.1127

■ 43.8435, 55.7159,
100.5403

■ 41.0074, 52.2419,
100.0192

■ 38.8816, 49.2030,
99.5447

■ 37.5448, 46.9761,
99.1853

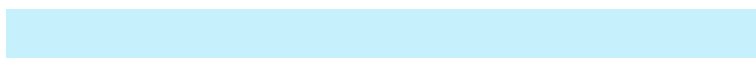
Harmonies

Analogous

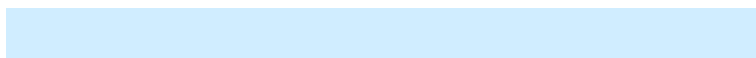
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0333, 81.2188, 93.2922



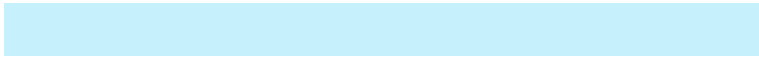
71.7567, 81.2188, 103.9903



74.9628, 81.2188, 110.8268

Triad

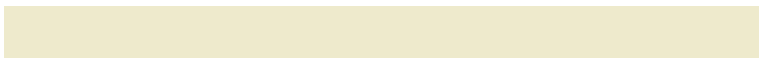
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7567, 81.2188, 103.9903



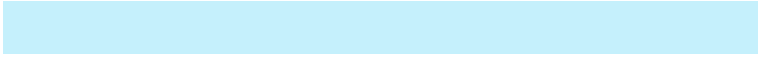
84.6634, 81.2188, 95.0504



75.5416, 81.2188, 68.8969

Complementary

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



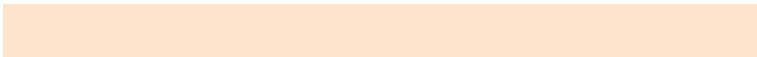
71.7567, 81.2188, 103.9903



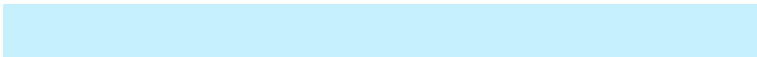
73.0241, 70.3277, 62.5507

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.



79.4732, 81.2188, 69.2801



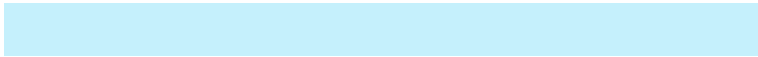
71.7567, 81.2188, 103.9903



84.8312, 81.2188, 83.7464

Square

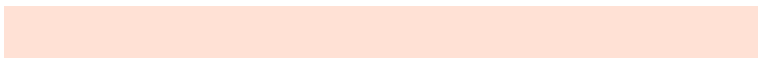
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



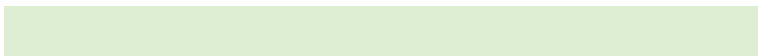
71.7567, 81.2188, 103.9903



82.4524, 81.2188, 105.3714



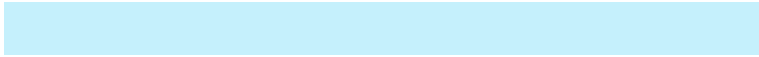
82.9035, 81.2188, 74.5111



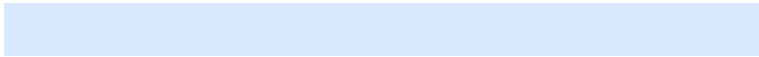
72.1680, 81.2188, 73.4154

Rectangle

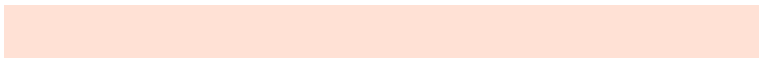
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7567, 81.2188, 103.9903



77.5533, 81.2188, 111.9449



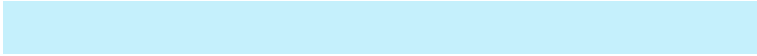
82.9035, 81.2188, 74.5111



76.8399, 81.2188, 68.4686

Sweetspot

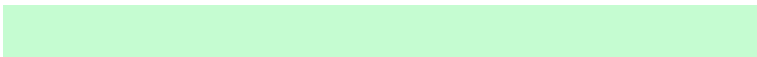
The Sweet Spot groups the original color and five complimentary colors.



71.7591, 81.2221, 103.9921



87.5556, 94.3112, 108.1970



69.3361, 86.0919, 73.2320



18.6084, 20.0851, 23.1460



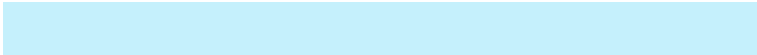
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



71.7591, 81.2221, 103.9921



70.2807, 80.6381, 106.4683



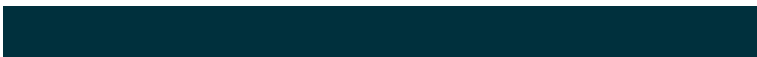
64.2877, 66.2793, 101.5017



17.4257, 18.9283, 22.1204



19.6706, 24.6968, 51.7038



1.8986, 2.4408, 4.8142

Inverse Universe

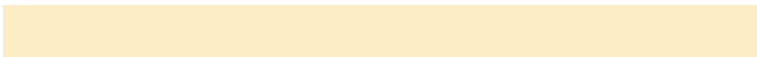
The Inverse Universe completely reimagines the original color for something new.



75.8412, 66.9210, 91.3617



75.1814, 63.8496, 91.2196



80.3399, 84.9593, 64.9893



17.8214, 17.4559, 20.9154



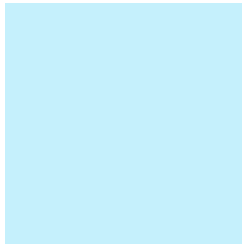
26.2208, 12.9041, 28.9351



2.4672, 1.2106, 2.8838

Previews

White Background



This preview shows how the XYZ color 71.7567, 81.2188, 103.9903 looks on a white background.

Color Contrast Check

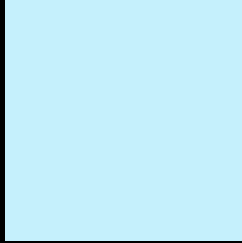
Large Text (above 18pt) WCAG AA × Fail

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 71.7567, 81.2188, 103.9903 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 71.7567, 81.2188, 103.9903

Background



This preview shows how black text looks on a background with the XYZ color 71.7567, 81.2188, 103.9903.

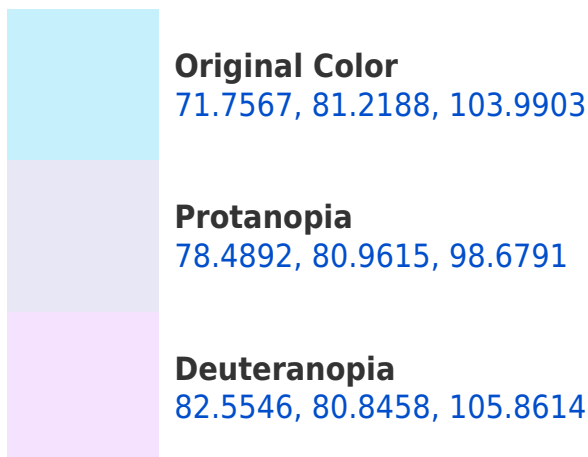


This preview shows how white text looks on a background with the XYZ color 71.7567, 81.2188,

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

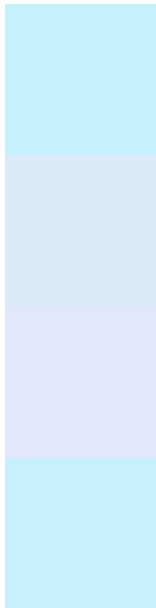




Tritanopia

73.2531, 81.0656, 106.3941

Trichromacy



Original Color

71.7567, 81.2188, 103.9903

Protanomaly

75.5795, 80.6830, 100.3968

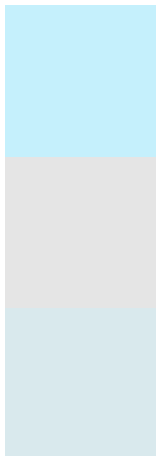
Deuteranomaly

78.1439, 80.6385, 105.2121

Tritanomaly

72.8433, 81.3063, 105.6204

Monochromacy



Original Color

71.7567, 81.2188, 103.9903

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.0402, 79.1440, 91.5474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7567, 81.2188, 103.9903 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(197, 240, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 240, 252)  
}
```

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(197, 240, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 240, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.7567, 81.2188, 103.9903 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(197, 240, 252) }
```


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

```
.border{ border-color:rgb(197, 240, 252) }
```

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

Here you see how a box with a 4 pixel rgb(197, 240, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 240, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 240, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 240,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7567, 81.2188, 103.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 240, 252) }
```

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

```
.background{ background-color: rgb(197,  
240, 252) }
```

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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