

Converting Colors

XYZ(79.3311, 85.8560,
146.9313)

Have a look what the booklet for
XYZ(79.3311, 85.8560, 146.9313)
contains.

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Color

**XYZ(71.8865, 82.9977,
106.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF4FF
RGB	191, 244, 255
RGB Percent	75%, 96%, 100%
CMY	0.2510, 0.0431, 0.0000
CMYK	0.25, 0.04, 0.00, 0.00
HSL	190°, 100%, 87%
HSV	190°, 25%, 100%
XYZ	71.8865, 82.9977, 106.8391
YIQ	229.4070, -35.1190, -7.8150

Conversions

Conversions Part 2

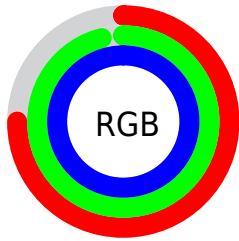
Format	Color
R_{YB}	191, 220, 255
Decimal	12580095
CIE _{Lab}	93.01, -14.33, -10.79
CIE _{LCh}	93, 17.937, 216.966
Yxy	82.9977, 0.2747, 0.3171
Android (android.graphics.Color)	4290770175 (0xFFBFF4FF)
YUV	229.4070, 12.6173, -33.6829
Hunter-Lab	91.1031, -18.5818, -5.7589

Details

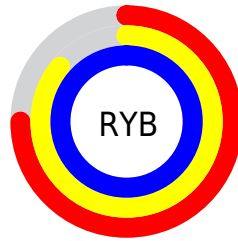
The XYZ color **71.8865, 82.9977, 106.8391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7644, 67.2619, 58.4924**, and the grayscale version is **74.7062, 78.5967, 85.5918**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **38.3296, 45.2779, 60.1454** is the 20% darker color. If you saturate the color by 10%, you get **64.7213, 77.3721, 106.1309**, and if you desaturate by 10%, it is **80.2039, 89.2680, 107.6110**.

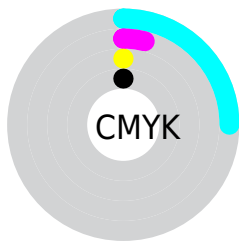
Distribution



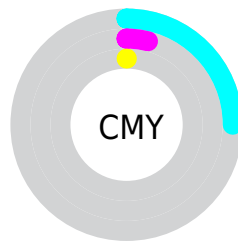
- Red (75%)
- Green (96%)
- Blue (100%)



- Red (75%)
- Yellow (86%)
- Blue (100%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8865, 82.9977, 106.8391 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 71.8865, 82.9977, 106.8391 by changing the saturation by 10% instead.

71.8865, 82.9977,
106.8391

71.8865, 82.9977,
106.8391

456.3102,
504.9789, 603.3369

53.3511, 62.1883,
81.3757

120.9068,
137.5722, 172.6579

38.3117, 45.1848,
60.3183

152.1225,
172.1061, 213.8504

26.4030, 31.6030,
43.2482

188.2955,
211.9836, 261.1231

17.2596, 21.0585,
29.7471

229.7914,
257.5891, 314.8943

10.5162, 13.1668,
19.3963

276.9755,
309.3070, 375.5828

5.8074, 7.5435,
11.7773

330.2131,

2.7679, 3.8042,

367.5216, 443.6071

6.4715

389.8695,
432.6174, 519.3856

■ 1.0322, 1.5647,
3.0605

■ 0.0000, 0.3336,
1.1256

■ 71.8865, 82.9977,
106.8391

■ 71.8865, 82.9977,
106.8391

■ 64.7213, 77.3721,
106.1309

■ 80.2039, 89.2680,
107.6110

■ 58.6435, 72.3513,
105.4821

■ 89.7207, 96.2013,
108.4477

■ 53.5921, 67.9054,
104.8902

95.0500, 100.0000,
108.9000

■ 49.4972, 63.9982,
104.3519

■ 46.2798, 60.5886,
103.8633

■ 43.8477, 57.6287,
103.4202

■ 42.0878, 55.0599,
103.0171

■ 41.3912, 53.9023,
102.8304

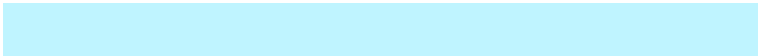
Harmonies

Analogous

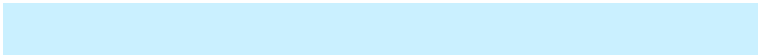
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2548, 82.9977, 93.5449



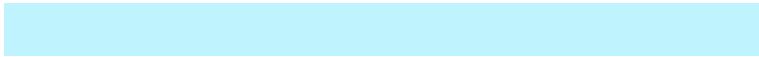
71.8865, 82.9977, 106.8391



75.4045, 82.9977, 116.3333

Triad

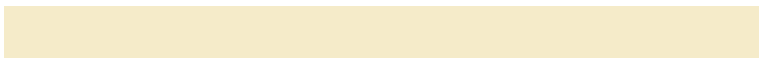
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8865, 82.9977, 106.8391



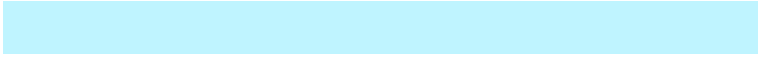
87.4963, 82.9977, 100.8767



77.7962, 82.9977, 67.0441

Complementary

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



71.8865, 82.9977, 106.8391



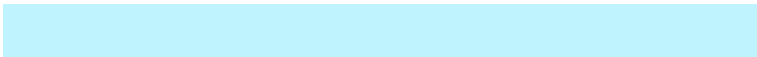
71.7644, 67.2619, 58.4924

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.



82.4747, 82.9977, 68.5898



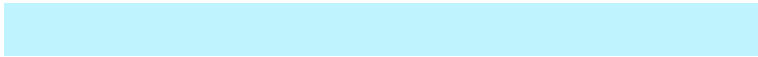
71.8865, 82.9977, 106.8391



88.1984, 82.9977, 87.2686

Square

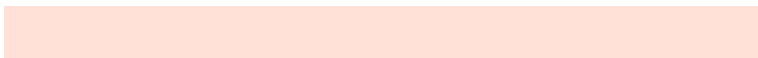
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8865, 82.9977, 106.8391



84.4451, 82.9977, 112.6593



86.3275, 82.9977, 75.6875



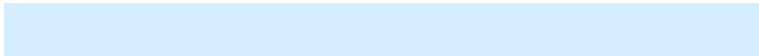
73.5779, 82.9977, 71.2341

Rectangle

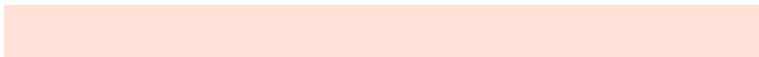
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8865, 82.9977, 106.8391



78.4097, 82.9977, 118.7479



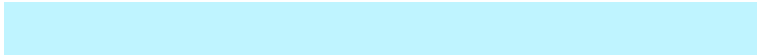
86.3275, 82.9977, 75.6875



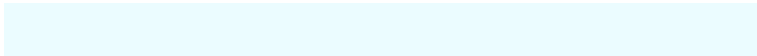
79.3659, 82.9977, 66.9174

Sweetspot

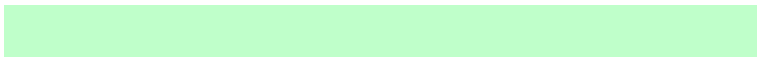
The Sweet Spot groups the original color and five complimentary colors.



71.8887, 83.0009, 106.8396



86.8311, 94.1183, 108.1979



67.8681, 86.8454, 68.8577



18.2737, 19.9190, 23.1316



0.0000, 0.0000, 0.0000



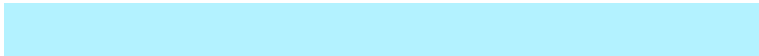
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8887, 83.0009, 106.8396



68.2345, 80.1632, 106.4844



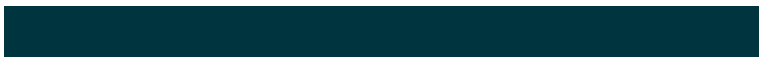
63.1640, 65.5515, 103.9314



18.2737, 19.9190, 23.1316



21.7253, 28.3601, 53.7636



2.1822, 2.8951, 5.2571

Inverse Universe

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



76.2013, 65.0548, 94.1323



73.2655, 59.7023, 91.5537



79.9726, 83.6783, 61.2284



18.6508, 18.2436, 22.0442



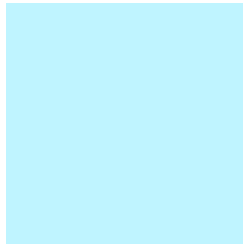
27.7541, 13.5909, 33.6852



2.7361, 1.3368, 3.4576

Previews

White Background



This preview shows how the XYZ color 71.8865, 82.9977, 106.8391 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 71.8865, 82.9977, 106.8391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

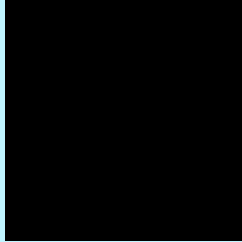
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8865, 82.9977, 106.8391

Background



This preview shows how black text looks on a background with the XYZ color 71.8865, 82.9977, 106.8391.

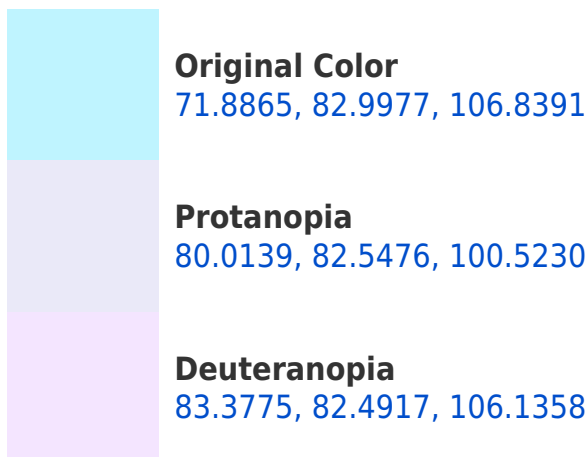


This preview shows how white text looks on a background with the XYZ color 71.8865, 82.9977,

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

74.6821, 83.1097, 106.7134

Trichromacy



Original Color

71.8865, 82.9977, 106.8391

Protanomaly

76.6102, 82.4388, 103.1413

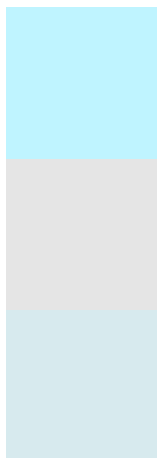
Deuteranomaly

78.5242, 82.0732, 106.3108

Tritanomaly

73.6215, 83.0036, 106.7488

Monochromacy



Original Color

71.8865, 82.9977, 106.8391

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

72.8798, 79.4658, 92.3862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8865, 82.9977, 106.8391 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(191, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 244, 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(191, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.8865, 82.9977, 106.8391 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(191, 244, 255) }
```


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

```
.border{ border-color:rgb(191, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(191, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8865, 82.9977, 106.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 244, 255) }
```

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

```
.background{ background-color: rgb(191,  
244, 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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