

Converting Colors

XYZ(71.5479, 82.2269,
106.7082)

Have a look what the booklet for
XYZ(71.5479, 82.2269, 106.7082)
contains.

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Color

**XYZ(71.5864, 82.3976,
106.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF3FF
RGB	191, 243, 255
RGB Percent	75%, 95%, 100%
CMY	0.2510, 0.0470, 0.0000
CMYK	0.25, 0.05, 0.00, 0.00
HSL	191°, 100%, 87%
HSV	191°, 25%, 100%
XYZ	71.5864, 82.3976, 106.7391
YIQ	228.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

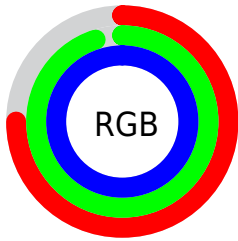
Format	Color
R _Y B	191, 220, 255
Decimal	12579839
CIE Lab	92.75, -13.83, -11.18
CIE LCh	93, 17.784, 218.945
Yxy	82.3976, 0.2746, 0.3160
Android (android.graphics.Color)	4290769919 (0xFFBFF3FF)
YUV	228.8200, 12.9067, -33.1681
Hunter-Lab	90.7731, -18.0825, -6.1773

Details

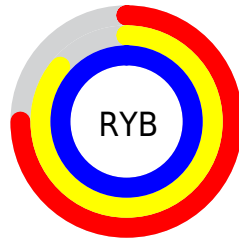
The XYZ color **71.5864, 82.3976, 106.7391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9997, 67.7325, 58.5706**, and the grayscale version is **74.2722, 78.1401, 85.0946**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **38.1167, 44.8521, 60.0744** is the 20% darker color. If you saturate the color by 10%, you get **64.3120, 76.5537, 105.9945**, and if you desaturate by 10%, it is **80.0188, 88.8979, 107.5493**.

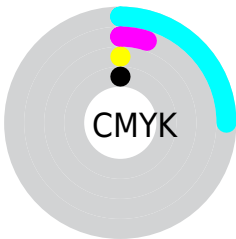
Distribution



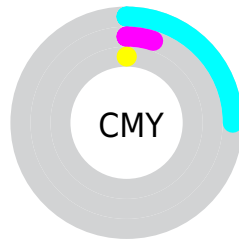
- Red (75%)
- Green (95%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5864, 82.3976, 106.7391 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 71.5864, 82.3976, 106.7391 by changing the saturation by 10% instead.

71.5864, 82.3976,
106.7391

71.5864, 82.3976,
106.7391

455.2807,
502.9767, 603.0197

53.1051, 61.6933,
81.2923

120.4823,
136.7314, 172.5202

38.1145, 44.7849,
60.2500

151.6277,
171.1298, 213.6916

26.2492, 31.2881,
43.1935

187.7251,
210.8616, 260.9416

17.1438, 20.8183,
29.7045

229.1399,
256.3113, 314.6888

10.4330, 12.9913,
19.3642

276.2376,
307.8632, 375.3516

5.7515, 7.4225,
11.7543

329.3833,

2.7338, 3.7277,

365.9019, 443.3487

6.4561

388.9426,
430.8115, 519.0986

■ 1.0146, 1.5224,
3.0511

■ 0.0000, 0.3044,
1.1208

■ 71.5864, 82.3976,
106.7391

■ 71.5864, 82.3976,
106.7391

■ 64.3120, 76.5537,
105.9945

■ 80.0188, 88.8979,
107.5493

■ 58.1310, 71.3263,
105.3113

■ 89.6566, 96.0732,
108.4263

■ 52.9821, 66.6854,
104.6869

95.0500, 100.0000,
108.9000

■ 48.7953, 62.5945,
104.1179

■ 45.4917, 59.0125,
103.6006

■ 42.9791, 55.8914,
103.1306

■ 41.1440, 53.1723,
102.7025

■ 40.4125, 51.9450,
102.5042

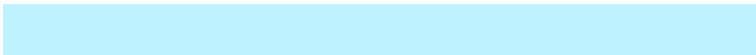
Harmonies

Analogous

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



69.8370, 82.3976, 93.7452



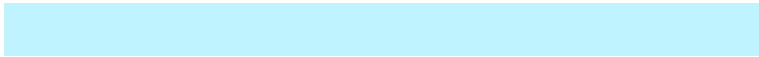
71.5864, 82.3976, 106.7391



75.1576, 82.3976, 115.7118

Triad

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



71.5864, 82.3976, 106.7391



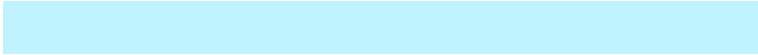
86.9330, 82.3976, 99.2043



76.9386, 82.3976, 66.7883

Complementary

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



71.5864, 82.3976, 106.7391



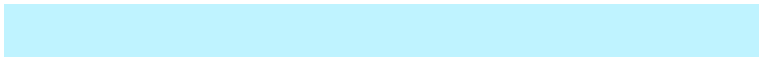
71.9997, 67.7325, 58.5706

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.



81.5626, 82.3976, 67.9397



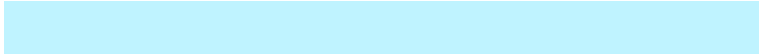
71.5864, 82.3976, 106.7391



87.4558, 82.3976, 85.8058

Square

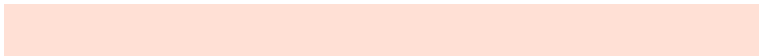
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



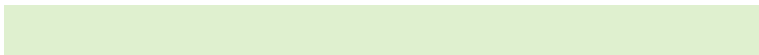
71.5864, 82.3976, 106.7391



84.0541, 82.3976, 111.0720



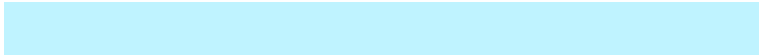
85.4556, 82.3976, 74.6082



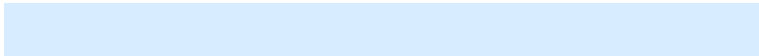
72.8460, 82.3976, 71.2911

Rectangle

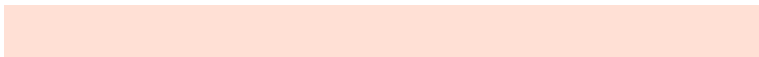
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5864, 82.3976, 106.7391



78.1525, 82.3976, 117.7378



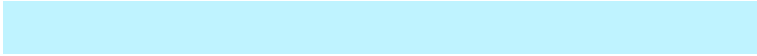
85.4556, 82.3976, 74.6082



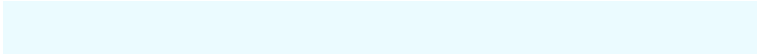
78.4806, 82.3976, 66.5371

Sweetspot

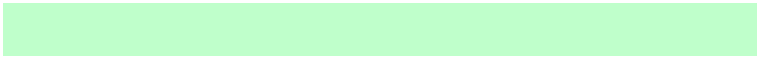
The Sweet Spot groups the original color and five complimentary colors.



71.5886, 82.4008, 106.7396



86.7313, 93.9188, 108.1646



67.9945, 86.8959, 69.5237



18.2484, 19.8685, 23.1231



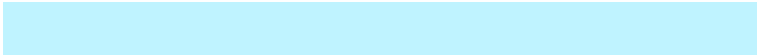
0.0000, 0.0000, 0.0000



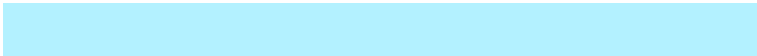
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5886, 82.4008, 106.7396



67.8802, 79.4546, 106.3663



62.8976, 65.0188, 103.8426



18.2484, 19.8685, 23.1231



21.2202, 27.3499, 53.5952



2.1375, 2.8056, 5.2422

Inverse Universe

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



76.0498, 64.9941, 93.3348



73.0867, 59.6308, 90.6120



80.2765, 84.2863, 61.3296



18.6380, 18.2385, 21.9770



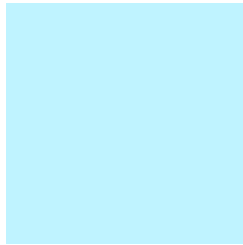
27.4992, 13.4890, 32.3427



2.7135, 1.3278, 3.3387

Previews

White Background



This preview shows how the XYZ color 71.5864, 82.3976, 106.7391 looks on a white background.

Color Contrast Check

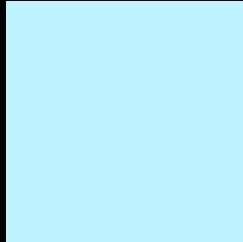
Large Text (above 18pt) WCAG AA × Fail

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 71.5864, 82.3976, 106.7391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

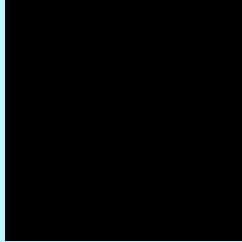
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5864, 82.3976, 106.7391

Background



This preview shows how black text looks on a background with the XYZ color 71.5864, 82.3976, 106.7391.

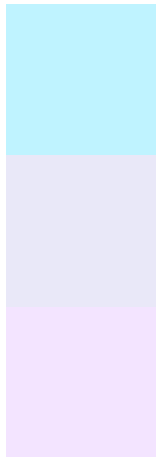


This preview shows how white text looks on a background with the XYZ color 71.5864, 82.3976,

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

71.5864, 82.3976, 106.7391

Protanopia

79.4042, 81.8142, 100.4136

Deuteranopia

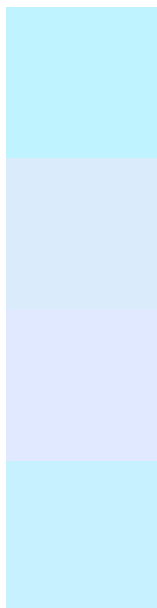
82.7556, 81.7615, 106.0276



Tritanopia

73.8387, 82.2367, 106.5893

Trichromacy



Original Color

71.5864, 82.3976, 106.7391

Protanomaly

76.3215, 81.8614, 103.0450

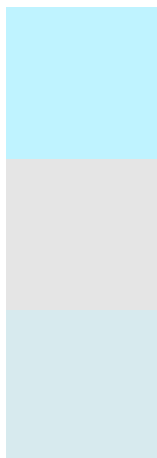
Deuteranomaly

77.9294, 81.3451, 106.2016

Tritanomaly

73.0585, 82.2727, 106.6374

Monochromacy



Original Color

71.5864, 82.3976, 106.7391

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 71.5864, 82.3976, 106.7391 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 243, 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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.5864, 82.3976, 106.7391 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, 243, 255) }
```


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

```
.border{ border-color:rgb(191, 243, 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, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5864, 82.3976, 106.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 243, 255) }
```

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

```
.background{ background-color: rgb(191,  
243, 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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