

Converting Colors

XYZ(73.9368, 81.7942,
106.4987)

Have a look what the booklet for
XYZ(73.9368, 81.7942, 106.4987)
contains.

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Color

**XYZ(74.0933, 81.9321,
106.5171)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEFFF
RGB	205, 239, 255
RGB Percent	80%, 94%, 100%
CMY	0.1961, 0.0627, 0.0000
CMYK	0.20, 0.06, 0.00, 0.00
HSL	199°, 100%, 90%
HSV	199°, 20%, 100%
XYZ	74.0933, 81.9321, 106.5171
YIQ	230.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

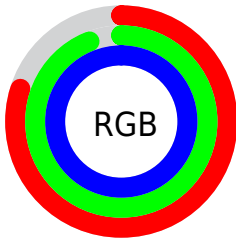
Format	Color
R_{YB}	205, 225, 255
Decimal	13496319
CIE _{Lab}	92.54, -7.70, -11.39
CIE _{LCh}	93, 13.751, 235.959
Yxy	81.9321, 0.2822, 0.3121
Android (android.graphics.Color)	4291686399 (0xFFCDEFFF)
YUV	230.6580, 12.0006, -22.5021
Hunter-Lab	90.5164, -12.2902, -6.4094

Details

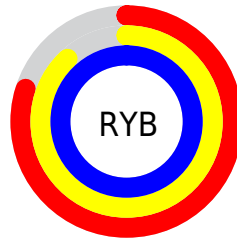
The XYZ color **74.0933, 81.9321, 106.5171** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.1156, 77.3796, 68.5779**, and the grayscale version is **75.6305, 79.5692, 86.6508**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7042, 44.4282, 59.9089** is the 20% darker color. If you saturate the color by 10%, you get **65.2899, 73.9299, 105.4365**, and if you desaturate by 10%, it is **84.1552, 90.7474, 107.6883**.

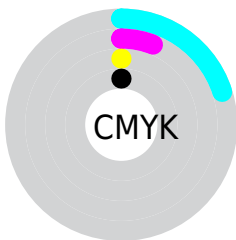
Distribution



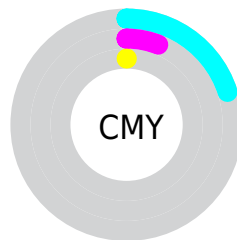
- Red (80%)
- Green (94%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0933, 81.9321, 106.5171 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 74.0933, 81.9321, 106.5171 by changing the saturation by 10% instead.

■ 74.0933, 81.9321,
106.5171

■ 74.0933, 81.9321,
106.5171

463.8407,
501.4205, 602.3153

■ 55.1620, 61.3096,
81.1072

124.0228,
136.0788, 172.2144

■ 39.7658, 44.4750,
60.0984

155.7518,
170.3717, 213.3389

■ 27.5394, 31.0441,
43.0721

192.4773,
209.9902, 260.5387

■ 18.1174, 20.6325,
29.6099

234.5647,
255.3188, 314.2322

■ 11.1345, 12.8556,
19.2931

282.3793,
306.7416, 374.8381

■ 6.2253, 7.3292,
11.7033

336.2867,

■ 3.0245, 3.6688,

364.6433, 442.7749

6.4219

396.6520,
429.4081, 518.4611

■ 1.1668, 1.4901,
3.0304

■ 0.0799, 0.2817,
1.1102

■ 74.0933, 81.9321,
106.5171

■ 74.0933, 81.9321,
106.5171

■ 65.2899, 73.9299,
105.4365

■ 84.1552, 90.7474,
107.6883

■ 57.6816, 66.6996,
104.4419

95.0500, 100.0000,
108.9000

■ 51.2091, 60.2106,
103.5306

■ 45.8050, 54.4262,
102.6989

■ 41.3946, 49.3053,
101.9429

■ 37.8921, 44.8018,
101.2582

■ 35.1963, 40.8609,
100.6396

■ 33.1487, 37.3987,
100.0793

■ 33.0743, 37.2687,
100.0581

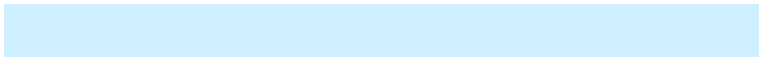
Harmonies

Analogous

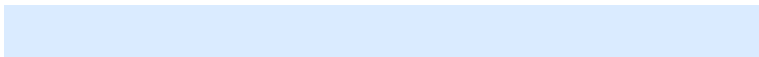
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8622, 81.9321, 98.0977



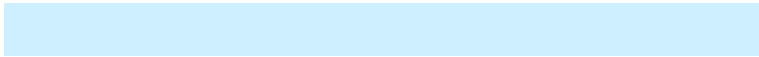
74.0933, 81.9321, 106.5171



77.3912, 81.9321, 110.2985

Triad

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



74.0933, 81.9321, 106.5171



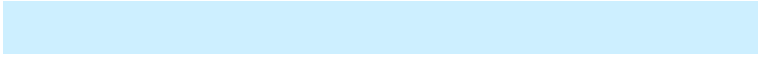
84.9259, 81.9321, 90.6029



74.9069, 81.9321, 72.6721

Complementary

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



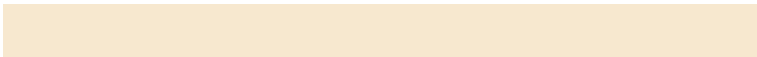
74.0933, 81.9321, 106.5171



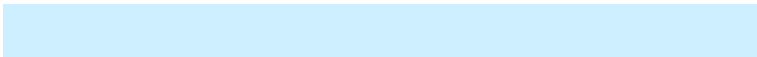
78.1156, 77.3796, 68.5779

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.



78.3588, 81.9321, 70.9972



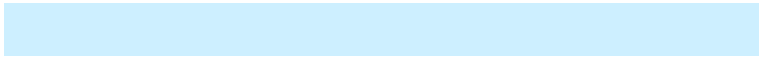
74.0933, 81.9321, 106.5171



84.2120, 81.9321, 80.8762

Square

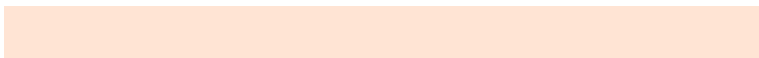
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



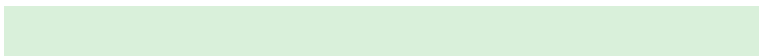
74.0933, 81.9321, 106.5171



83.7033, 81.9321, 100.6768



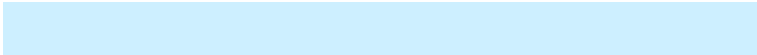
81.7812, 81.9321, 73.8874



72.3218, 81.9321, 78.6489

Rectangle

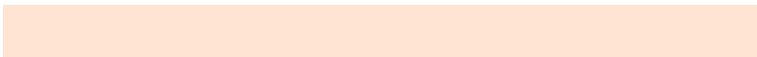
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0933, 81.9321, 106.5171



79.7772, 81.9321, 109.4837



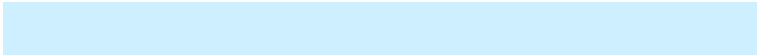
81.7812, 81.9321, 73.8874



76.0013, 81.9321, 71.6078

Sweetspot

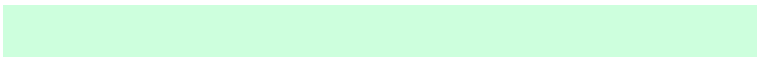
The Sweet Spot groups the original color and five complimentary colors.



74.0955, 81.9354, 106.5176



88.1017, 94.1294, 108.1331



73.9667, 89.7112, 81.7090



18.7017, 20.0147, 23.1275



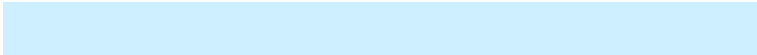
0.0000, 0.0000, 0.0000



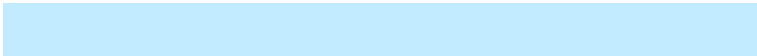
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0955, 81.9354, 106.5176



70.0758, 78.3209, 106.0318



67.3169, 68.3781, 104.2581



18.0361, 19.4439, 23.0524



17.4228, 19.7553, 52.3295



1.7952, 2.1210, 5.1281

Inverse Universe

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



78.6526, 71.1562, 91.2542



75.5436, 65.7771, 87.6312



85.1650, 91.4784, 70.9277



18.5309, 18.1957, 21.4128



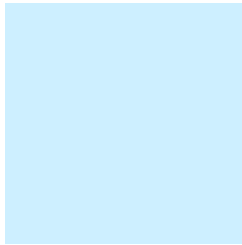
25.5824, 12.7223, 22.2494



2.5407, 1.2587, 2.4288

Previews

White Background



This preview shows how the XYZ color 74.0933, 81.9321, 106.5171 looks on a white background.

Color Contrast Check

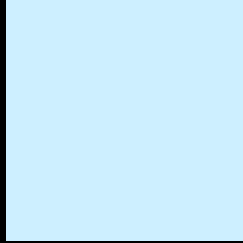
Large Text (above 18pt) WCAG AA × Fail

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 74.0933, 81.9321, 106.5171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

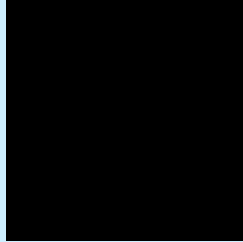
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

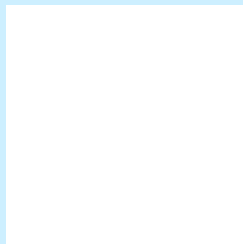
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0933, 81.9321, 106.5171

Background



This preview shows how black text looks on a background with the XYZ color 74.0933, 81.9321, 106.5171.



This preview shows how white text looks on a background with the XYZ color 74.0933, 81.9321,

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

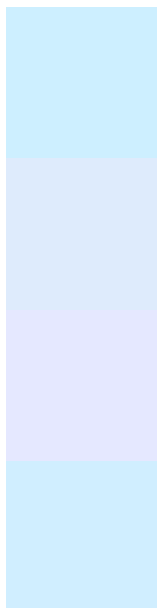




Tritanopia

74.9190, 81.9244, 106.4721

Trichromacy



Original Color

74.0933, 81.9321, 106.5171

Protanomaly

77.4032, 81.9745, 103.8385

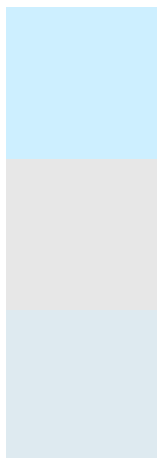
Deuteranomaly

79.2197, 81.5912, 106.1811

Tritanomaly

74.6370, 81.7790, 106.4589

Monochromacy



Original Color

74.0933, 81.9321, 106.5171

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2752, 80.6665, 94.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0933, 81.9321, 106.5171 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(205, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 239, 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(205, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0933, 81.9321, 106.5171 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(205, 239, 255) }
```


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

```
.border{ border-color:rgb(205, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0933, 81.9321, 106.5171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 239, 255) }
```

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

```
.background{ background-color: rgb(205,  
239, 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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