

Converting Colors

XYZ(74.3811, 87.0914,
106.5566)

Have a look what the booklet for
XYZ(74.3811, 87.0914, 106.5566)
contains.

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Color

**XYZ(74.3231, 86.9963,
106.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FAFE
RGB	194, 250, 254
RGB Percent	76%, 98%, 100%
CMY	0.2392, 0.0196, 0.0039
CMYK	0.24, 0.02, 0.00, 0.00
HSL	184°, 97%, 88%
HSV	184°, 24%, 100%
XYZ	74.3231, 86.9963, 106.6407
YIQ	233.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

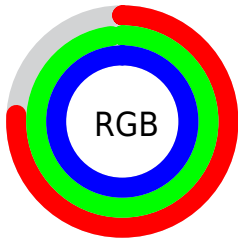
Format	Color
RYB	194, 223, 254
Decimal	12778238
CIELab	94.74, -16.67, -7.69
CIELCh	95, 18.359, 204.771
Yxy	86.9963, 0.2774, 0.3247
Android (android.graphics.Color)	4290968318 (0xFFC2FAFE)
YUV	233.7120, 10.0020, -34.8274
Hunter-Lab	93.2718, -20.9890, -2.4979

Details

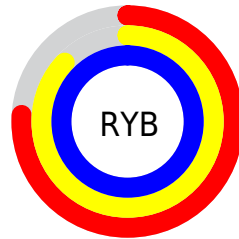
The XYZ color **74.3231, 86.9963, 106.6407** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8056, 65.3543, 59.9234**, and the grayscale version is **77.9366, 81.9954, 89.2929**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.7955, 47.6601, 59.9252** is the 20% darker color. If you saturate the color by 10%, you get **67.8304, 82.8743, 106.1887**, and if you desaturate by 10%, it is **81.9398, 91.7091, 107.1504**.

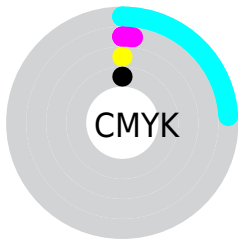
Distribution



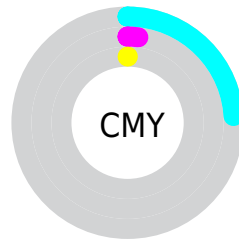
- Red (76%)
- Green (98%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3231, 86.9963, 106.6407 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 74.3231, 86.9963, 106.6407 by changing the saturation by 10% instead.

74.3231, 86.9963,
106.6407

74.3231, 86.9963,
106.6407

464.6209,
518.2107, 602.7076

55.3507, 65.4921,
81.2102

124.3468,
143.1590, 172.3847

39.9176, 47.8603,
60.1828

156.1288,
178.5863, 213.5353

27.6582, 33.7162,
43.1397

192.9114,
219.4235, 260.7630

18.2073, 22.6757,
29.6625

235.0600,
266.0549, 314.4864

11.1995, 14.3542,
19.3327

282.9398,
318.8649, 375.1240

6.2695, 8.3674,
11.7317

336.9164,

3.0518, 4.3310,

378.2379, 443.0944

6.4409

397.3549,
444.5584, 518.8161

■ 1.1812, 1.8604,
3.0419

■ 0.0915, 0.5244,
1.1161

■ 74.3231, 86.9963,
106.6407

■ 74.3231, 86.9963,
106.6407

■ 67.8304, 82.8743,
106.1887

■ 81.9398, 91.7091,
107.1504

■ 62.3974, 79.3034,
105.7858

■ 90.7254, 97.0294,
107.7142

■ 57.9649, 76.2553,
105.4311

■ 94.8897, 99.9359,
108.0557

■ 54.4651, 73.6949,
105.1213

■ 51.8213, 71.5828,
104.8530

■ 49.9450, 69.8732,
104.6219

■ 48.7281, 68.5104,
104.4230

■ 48.1974, 67.7714,
104.3083

Harmonies

Analogous

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



73.5452, 86.9963, 92.2556



74.3231, 86.9963, 106.6407



77.3048, 86.9963, 118.8440

Triad

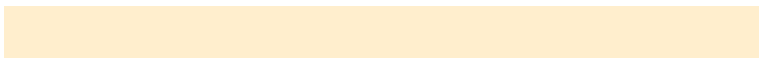
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3231, 86.9963, 106.6407



90.7286, 86.9963, 111.3771



83.5600, 86.9963, 70.0352

Complementary

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



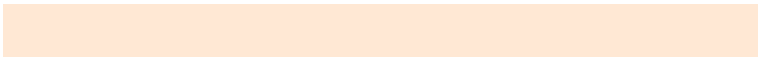
74.3231, 86.9963, 106.6407



70.8056, 65.3543, 59.9234

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.



88.3142, 86.9963, 74.1108



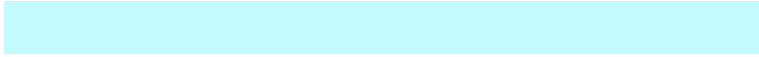
74.3231, 86.9963, 106.6407



92.5574, 86.9963, 97.2364

Square

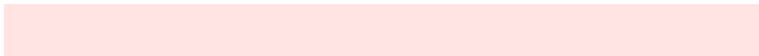
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3231, 86.9963, 106.6407



86.7498, 86.9963, 121.7645



91.6568, 86.9963, 83.7302



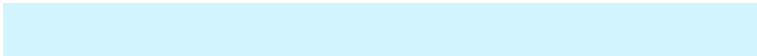
78.7538, 86.9963, 72.0163

Rectangle

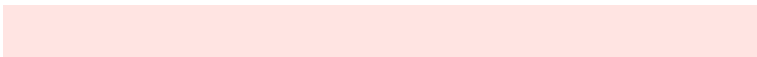
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



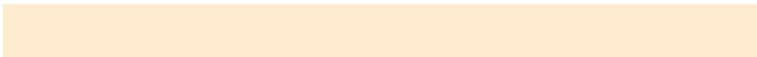
74.3231, 86.9963, 106.6407



80.2063, 86.9963, 123.6117



91.6568, 86.9963, 83.7302



85.2190, 86.9963, 70.7291

Sweetspot

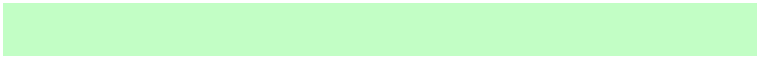
The Sweet Spot groups the original color and five complimentary colors.



74.3257, 86.9998, 106.6427



88.4070, 96.0140, 108.4808



67.7696, 86.3858, 65.9272



18.8062, 20.4805, 23.2119



0.0000, 0.0000, 0.0000



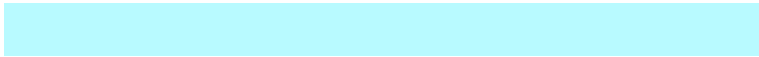
20.3446, 21.4041, 23.3091

Same Dimension

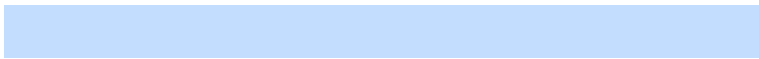
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3257, 86.9998, 106.6427



71.9828, 85.8838, 107.3911



65.9956, 70.3397, 103.8660



18.4452, 20.2619, 23.1887



25.4535, 35.8167, 55.0063



2.5083, 3.5472, 5.3658

Inverse Universe

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



77.4222, 66.5584, 99.2130



75.5911, 62.2924, 98.6825



78.0813, 79.9057, 62.3486



18.7373, 18.2783, 22.5000



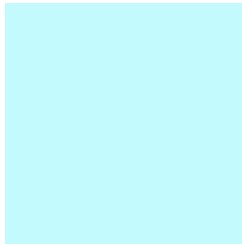
29.6360, 14.3437, 43.5950



2.9007, 1.4026, 4.3243

Previews

White Background



This preview shows how the XYZ color 74.3231, 86.9963, 106.6407 looks on a white background.

Color Contrast Check

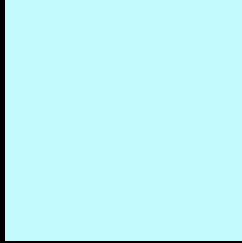
Large Text (above 18pt) WCAG AA × Fail

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 74.3231, 86.9963, 106.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

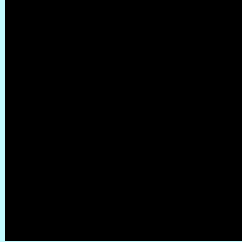
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3231, 86.9963, 106.6407

Background



This preview shows how black text looks on a background with the XYZ color 74.3231, 86.9963, 106.6407.

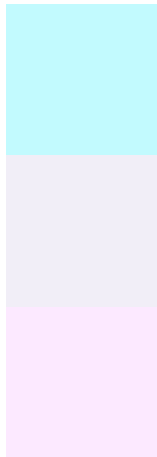


This preview shows how white text looks on a background with the XYZ color 74.3231, 86.9963,

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

74.3231, 86.9963, 106.6407

Protanopia

83.6387, 86.5652, 100.2962

Deuteranopia

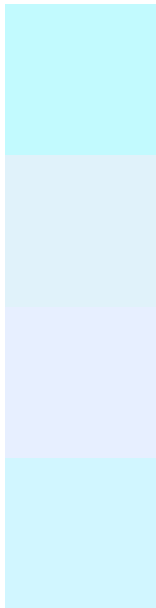
87.3338, 86.1933, 106.6417



Tritanopia

79.3141, 86.8268, 107.1867

Trichromacy



Original Color

74.3231, 86.9963, 106.6407

Protanomaly

79.7479, 86.2537, 102.8879

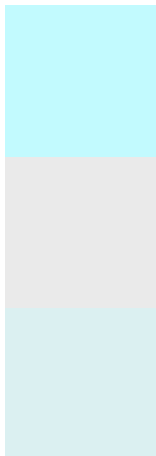
Deuteranomaly

81.8715, 85.9419, 106.8811

Tritanomaly

77.3003, 86.6868, 107.2658

Monochromacy



Original Color

74.3231, 86.9963, 106.6407

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.2507, 83.7311, 95.3620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3231, 86.9963, 106.6407 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(194, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 250, 254)  
}
```

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(194, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 250, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.3231, 86.9963, 106.6407 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(194, 250, 254) }
```


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

```
.border{ border-color:rgb(194, 250, 254) }
```

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

Here you see how a box with a 4 pixel rgb(194, 250, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 250,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3231, 86.9963, 106.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 250, 254) }
```

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

```
.background{ background-color: rgb(194,  
250, 254) }
```

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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