

Converting Colors

XYZ(66.6843, 86.1182, 74.0806)

Have a look what the booklet for
XYZ(66.6843, 86.1182, 74.0806)
contains.

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Color

**XYZ(66.6843, 86.1182,
74.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFD2
RGB	182, 255, 210
RGB Percent	71%, 100%, 82%
CMY	0.2863, 0.0000, 0.1765
CMYK	0.29, 0.00, 0.18, 0.00
HSL	143°, 100%, 86%
HSV	143°, 29%, 100%
XYZ	66.6843, 86.1182, 74.0806
YIQ	228.0430, -29.0630, -29.4710

Conversions

Conversions Part 2

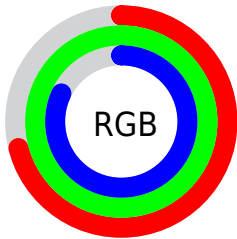
Format	Color
RYB	182, 235, 255
Decimal	11993042
CIELab	94.36, -31.41, 14.38
CIELCh	94, 34.547, 155.410
Yxy	86.1182, 0.2939, 0.3796
Android (android.graphics.Color)	4290183122 (0xFFB6FFD2)
YUV	228.0430, -8.8952, -40.3797
Hunter-Lab	92.7999, -34.1330, 17.6297

Details

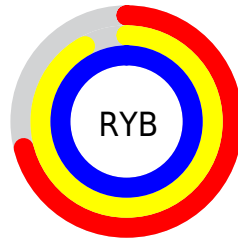
The XYZ color **66.6843, 86.1182, 74.0806** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.8336, 60.2629, 80.5190**, and the grayscale version is **73.8523, 77.6984, 84.6135**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **34.8629, 47.2668, 38.2963** is the 20% darker color. If you saturate the color by 10%, you get **59.3371, 82.5459, 64.0114**, and if you desaturate by 10%, it is **75.3219, 90.3335, 85.2172**.

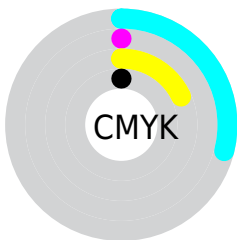
Distribution



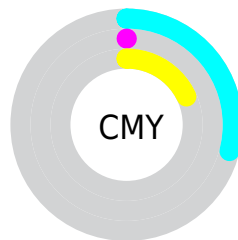
- Red (71%)
- Green (100%)
- Blue (82%)



- Red (71%)
- Yellow (92%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6843, 86.1182, 74.0806 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 66.6843, 86.1182, 74.0806 by changing the saturation by 10% instead.


 66.6843, 86.1182,
74.0806

 66.6843, 86.1182,
74.0806

438.2704,
515.3209, 493.9223

 49.0979, 64.7657,
54.3628


 113.5202,
141.9344, 126.7452

 34.9120, 47.2711,
38.4967


143.5004,
177.1670, 160.5290

 23.7613, 33.2500,
26.0636

178.3426,
217.7950, 199.8386

 15.2804, 22.3181,
16.6450

218.4121,
264.2028, 245.0926

 9.1040, 14.0908,
9.8224

264.0742,
316.7750, 296.7094

 4.8667, 8.1838,
5.1773

315.6944,

 2.2032, 4.2128,

375.8958, 355.1076

2.2911

373.6380,
441.9496, 420.7057

■ 0.7444, 1.7933,
0.7262

■ 0.0000, 0.4830,
0.0000

■ 66.6843, 86.1182,
74.0806

■ 66.6843, 86.1182,
74.0806

■ 59.3371, 82.5459,
64.0114

■ 75.3219, 90.3335,
85.2172

■ 53.2131, 79.5825,
54.9734

■ 85.3080, 95.2212,
97.4474

■ 48.2419, 77.1926,
46.9347

95.0500, 100.0000,
108.9000

■ 44.3448, 75.3361,
39.8599

■ 41.4328, 73.9680,
33.7113

■ 39.4010, 73.0350,
28.4487

■ 38.1026, 72.4621,
24.0272

■ 37.9557, 72.3983,
23.4822

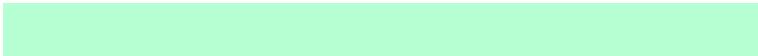
Harmonies

Analogous

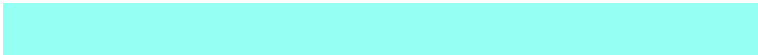
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9487, 86.1182, 57.9981



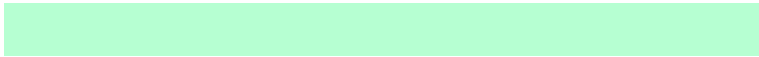
66.6843, 86.1182, 74.0806



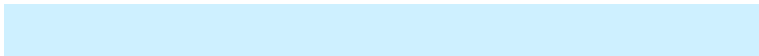
65.3518, 86.1182, 98.6659

Triad

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



66.6843, 86.1182, 74.0806



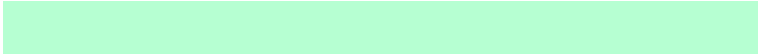
83.5455, 86.1182, 154.3570



97.2645, 86.1182, 67.1796

Complementary

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



66.6843, 86.1182, 74.0806



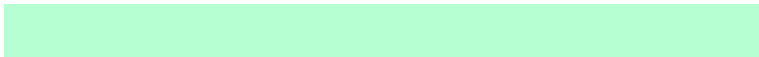
71.8336, 60.2629, 80.5190

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.



100.9209, 86.1182, 89.0351



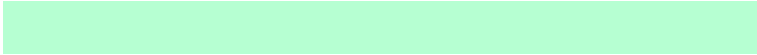
66.6843, 86.1182, 74.0806



92.6265, 86.1182, 141.8571

Square

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



66.6843, 86.1182, 74.0806



74.6539, 86.1182, 148.2975



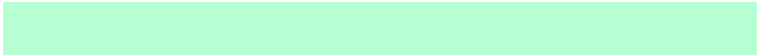
99.1629, 86.1182, 116.6669



89.5001, 86.1182, 54.5725

Rectangle

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



66.6843, 86.1182, 74.0806



66.7784, 86.1182, 117.4342



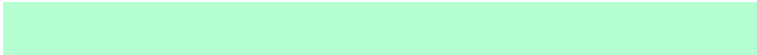
99.1629, 86.1182, 116.6669



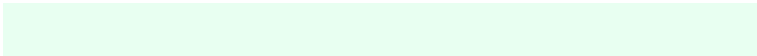
99.0405, 86.1182, 73.5164

Sweetspot

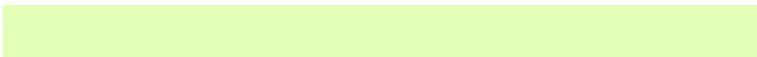
The Sweet Spot groups the original color and five complimentary colors.



66.6850, 86.1186, 74.0820



84.9102, 95.0263, 96.9706



75.8878, 91.2312, 57.8669



17.8465, 20.1789, 20.3613



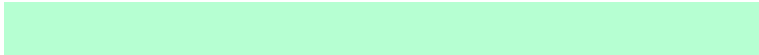
0.0000, 0.0000, 0.0000



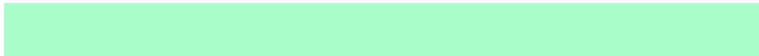
20.3446, 21.4041, 23.3091

Same Dimension

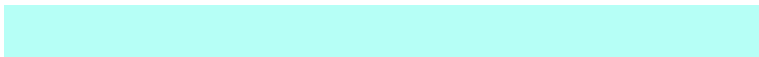
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6850, 86.1186, 74.0820



62.5805, 84.1210, 68.5403



71.7608, 88.1489, 100.8107



18.0599, 20.2835, 20.6184



19.8999, 37.8565, 12.6240



1.9889, 3.7065, 1.4996

Inverse Universe

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



71.8336, 60.2629, 80.5190



68.4487, 54.6364, 75.8660



67.3195, 58.4572, 56.7482



18.4801, 18.1753, 21.1452



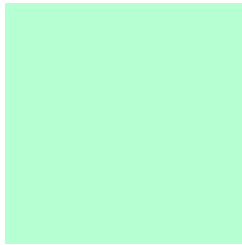
24.8124, 12.4142, 18.1943



2.4693, 1.2301, 2.0527

Previews

White Background



This preview shows how the XYZ color 66.6843, 86.1182, 74.0806 looks on a white background.

Color Contrast Check

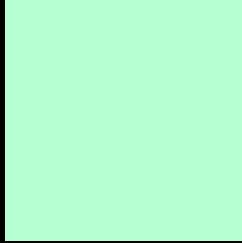
Large Text (above 18pt) WCAG AA × Fail

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 66.6843, 86.1182, 74.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

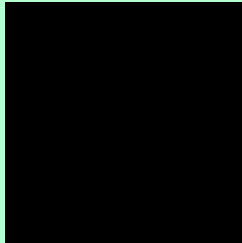
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6843, 86.1182, 74.0806

Background



This preview shows how black text looks on a background with the XYZ color 66.6843, 86.1182, 74.0806.



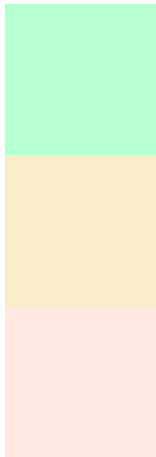
This preview shows how white text looks on a background with the XYZ color 66.6843, 86.1182,

74.0806.

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

66.6843, 86.1182, 74.0806

Protanopia

80.2511, 85.1094, 67.4564

Deuteranopia

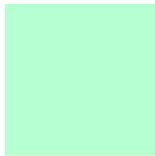
84.1064, 85.0288, 83.9308



Tritanopia

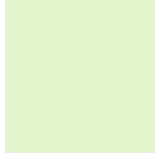
77.8321, 85.6173, 107.0313

Trichromacy



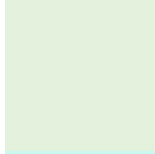
Original Color

66.6843, 86.1182, 74.0806



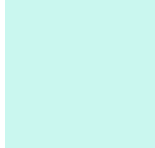
Protanomaly

74.3011, 85.0686, 69.6305



Deuteranomaly

76.3685, 84.5719, 80.0091



Tritanomaly

73.1979, 85.3101, 94.2699

Monochromacy



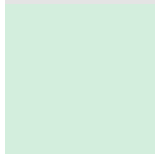
Original Color

66.6843, 86.1182, 74.0806



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4896, 80.2184, 80.1751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6843, 86.1182, 74.0806 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(182, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 210)  
}
```

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(182, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.6843, 86.1182, 74.0806 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(182, 255, 210) }
```


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

```
.border{ border-color:rgb(182, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6843, 86.1182, 74.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 210) }
```

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

```
.background{ background-color: rgb(182,  
255, 210) }
```

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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