

Converting Colors

XYZ(66.0107, 85.7549, 74.7762)

Have a look what the booklet for
XYZ(66.0107, 85.7549, 74.7762)
contains.

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Color

**XYZ(66.1083, 85.8069,
74.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFD3
RGB	179, 255, 211
RGB Percent	70%, 100%, 83%
CMY	0.2980, 0.0000, 0.1725
CMYK	0.30, 0.00, 0.17, 0.00
HSL	145°, 100%, 85%
HSV	145°, 30%, 100%
XYZ	66.1083, 85.8069, 74.7061
YIQ	227.2600, -31.1720, -29.7960

Conversions

Conversions Part 2

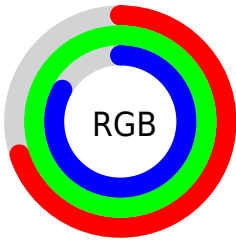
Format	Color
RYB	179, 232, 255
Decimal	11796435
CIELab	94.23, -32.12, 13.65
CIELCh	94, 34.903, 156.974
Yxy	85.8069, 0.2917, 0.3786
Android (android.graphics.Color)	4289986515 (0xFFB3FFD3)
YUV	227.2600, -8.0162, -42.3240
Hunter-Lab	92.6320, -34.7167, 17.0261

Details

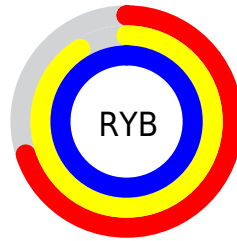
The XYZ color **66.1083, 85.8069, 74.7061** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.6798, 58.8287, 77.4419**, and the grayscale version is **73.2754, 77.0914, 83.9525**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **34.5070, 47.0736, 38.7199** is the 20% darker color. If you saturate the color by 10%, you get **58.9829, 82.3377, 65.1514**, and if you desaturate by 10%, it is **74.4949, 89.9065, 85.2099**.

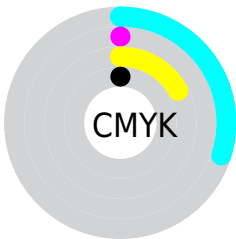
Distribution



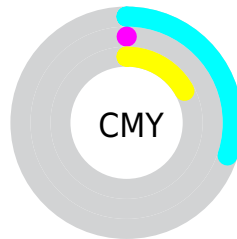
- Red (70%)
- Green (100%)
- Blue (83%)



- Red (70%)
- Yellow (91%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1083, 85.8069, 74.7061 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 66.1083, 85.8069, 74.7061 by changing the saturation by 10% instead.


 66.1083, 85.8069,
74.7061

 66.1083, 85.8069,
74.7061


436.2466,
514.2943, 496.1352

 48.6284, 64.5083,
54.8719


 112.6986,
141.5000, 127.6395

 34.5381, 47.0625,
38.9012


142.5397,
176.6633, 161.5758

 23.4721, 33.0851,
26.3757


177.2319,
217.2169, 201.0498

 15.0651, 22.1916,
16.8766

217.1405,
263.5453, 246.4801

 8.9517, 13.9978,
9.9855

262.6310,
316.0329, 298.2853

 4.7666, 8.1191,
5.2839

314.0686,

 2.1443, 4.1713,

375.0639, 356.8838

2.3531

371.8187,
441.0229, 422.6943

■ 0.7131, 1.7698,
0.7608

■ 0.0000, 0.4683,
0.0000

■ 66.1083, 85.8069,
74.7061

■ 66.1083, 85.8069,
74.7061

■ 58.9829, 82.3377,
65.1514

■ 74.4949, 89.9065,
85.2099

■ 53.0519, 79.4651,
56.5149

■ 84.2005, 94.6660,
96.6843

■ 48.2451, 77.1536,
48.7698

95.0500, 100.0000,
108.9000

■ 44.4842, 75.3632,
41.8865

■ 41.6795, 74.0485,
35.8336

■ 39.7253, 73.1553,
30.5773

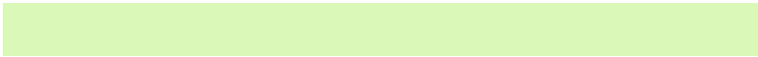
■ 38.4551, 72.5988,
26.0794

■ 38.4334, 72.5894,
25.9980

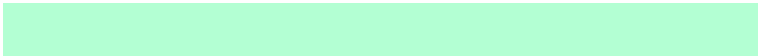
Harmonies

Analogous

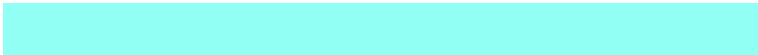
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2172, 85.8069, 58.0435



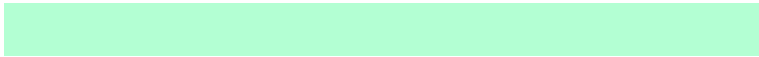
66.1083, 85.8069, 74.7061



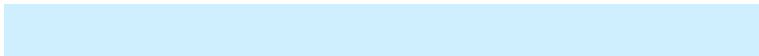
64.9854, 85.8069, 99.8194

Triad

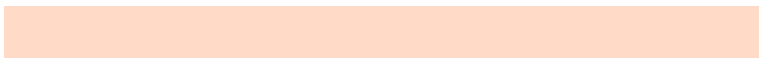
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.1083, 85.8069, 74.7061



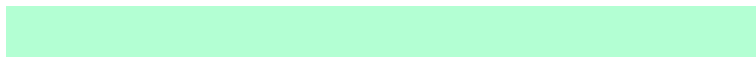
83.7587, 85.8069, 154.4041



96.7756, 85.8069, 65.7630

Complementary

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



66.1083, 85.8069, 74.7061



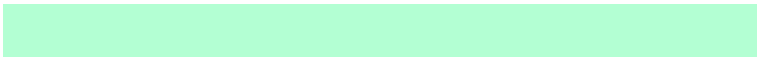
70.6798, 58.8287, 77.4419

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.



100.7302, 85.8069, 87.3176



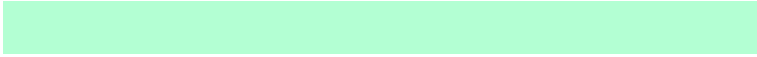
66.1083, 85.8069, 74.7061



92.8519, 85.8069, 140.8825

Square

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



66.1083, 85.8069, 74.7061



74.7265, 85.8069, 149.2618



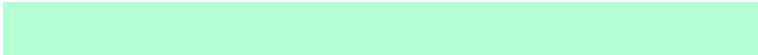
99.2422, 85.8069, 115.0450



88.7913, 85.8069, 53.6109

Rectangle

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



66.1083, 85.8069, 74.7061



66.5642, 85.8069, 118.7765



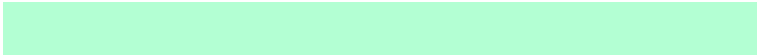
99.2422, 85.8069, 115.0450



98.6470, 85.8069, 71.9717

Sweetspot

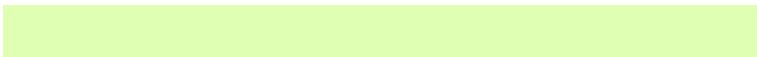
The Sweet Spot groups the original color and five complimentary colors.



66.1090, 85.8072, 74.7075



85.0389, 95.0778, 97.6487



74.4314, 90.5159, 56.1973



17.8781, 20.1916, 20.5279



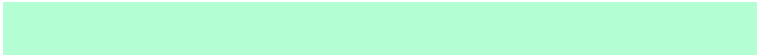
0.0000, 0.0000, 0.0000



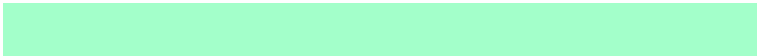
20.3446, 21.4041, 23.3091

Same Dimension

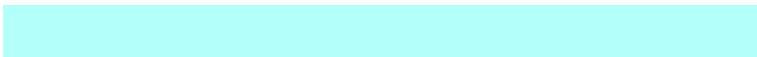
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1090, 85.8072, 74.7075



61.5486, 83.5850, 68.6759



71.3978, 87.9227, 102.5580



18.0889, 20.2951, 20.7710



20.1529, 37.9578, 13.9566



2.0153, 3.7171, 1.6386

Inverse Universe

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



70.6798, 58.8287, 77.4419



66.8122, 52.5013, 71.8131



66.1529, 57.0180, 53.6036



18.4503, 18.1634, 20.9885



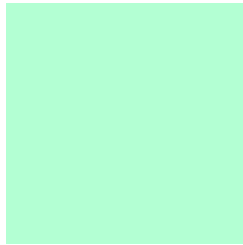
24.4027, 12.2504, 16.0371



2.4306, 1.2146, 1.8490

Previews

White Background



This preview shows how the XYZ color 66.1083, 85.8069, 74.7061 looks on a white background.

Color Contrast Check

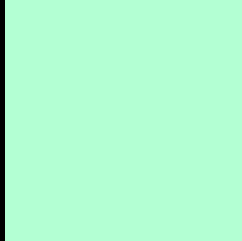
Large Text (above 18pt) WCAG AA × Fail

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 66.1083, 85.8069, 74.7061 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

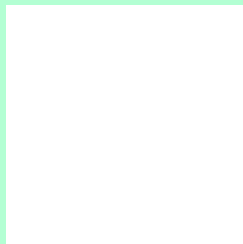
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1083, 85.8069, 74.7061

Background



This preview shows how black text looks on a background with the XYZ color 66.1083, 85.8069, 74.7061.



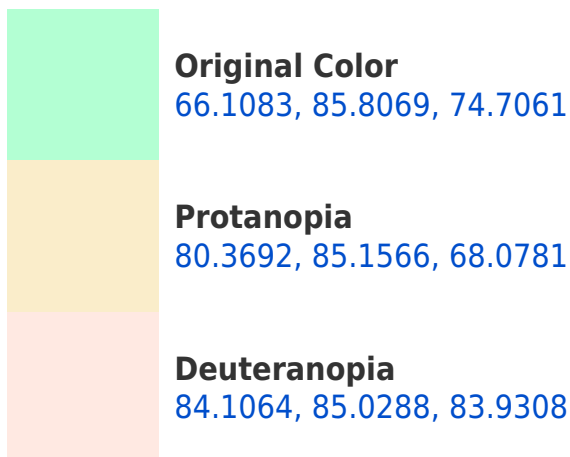
This preview shows how white text looks on a background with the XYZ color 66.1083, 85.8069,

74.7061.

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

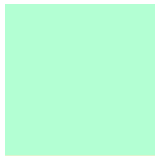




Tritanopia

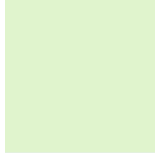
77.2520, 85.3182, 107.0042

Trichromacy



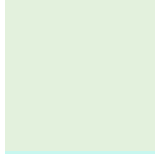
Original Color

66.1083, 85.8069, 74.7061



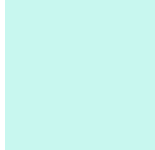
Protanomaly

74.1106, 84.9564, 70.2498



Deuteranomaly

76.1850, 84.4619, 80.6940



Tritanomaly

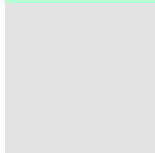
72.6602, 85.0329, 94.2447

Monochromacy



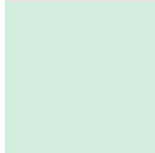
Original Color

66.1083, 85.8069, 74.7061



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.9137, 79.4905, 80.0650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1083, 85.8069, 74.7061 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(179, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 211)  
}
```

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(179, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 66.1083, 85.8069, 74.7061 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(179, 255, 211) }
```


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

```
.border{ border-color:rgb(179, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1083, 85.8069, 74.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 211) }
```

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

```
.background{ background-color: rgb(179,  
255, 211) }
```

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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