

Converting Colors

XYZ(66.1591, 85.2740, 79.8375)

Have a look what the booklet for
XYZ(66.1591, 85.2740, 79.8375)
contains.

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Color

**XYZ(66.1325, 85.2282,
79.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FEDB
RGB	176, 254, 219
RGB Percent	69%, 100%, 86%
CMY	0.3098, 0.0039, 0.1412
CMYK	0.31, 0.00, 0.14, 0.00
HSL	153°, 98%, 84%
HSV	153°, 31%, 100%
XYZ	66.1325, 85.2282, 79.9830
YIQ	226.6880, -35.2530, -27.4210

Conversions

Conversions Part 2

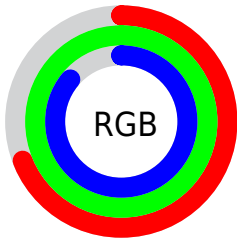
Format	Color
RYB	176, 226, 254
Decimal	11599579
CIELab	93.98, -31.00, 9.17
CIElCh	94, 32.325, 163.529
Yxy	85.2282, 0.2859, 0.3684
Android (android.graphics.Color)	4289789659 (0xFFB0FEDB)
YUV	226.6880, -3.7902, -44.4534
Hunter-Lab	92.3191, -33.6906, 13.2560

Details

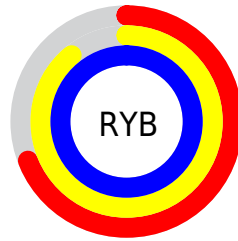
The XYZ color **66.1325, 85.2282, 79.9830** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.1592, 56.8268, 69.0078**, and the grayscale version is **72.8339, 76.6270, 83.4468**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **34.5522, 46.6778, 42.3106** is the 20% darker color. If you saturate the color by 10%, you get **59.4686, 81.9626, 72.1053**, and if you desaturate by 10%, it is **73.9784, 89.0958, 88.4561**.

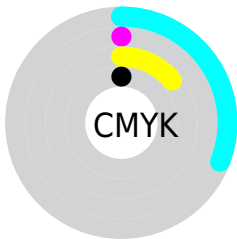
Distribution



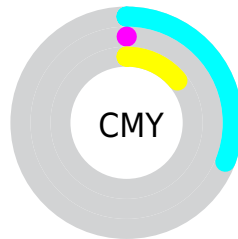
- Red (69%)
- Green (100%)
- Blue (86%)



- Red (69%)
- Yellow (89%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1325, 85.2282, 79.9830 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 66.1325, 85.2282, 79.9830 by changing the saturation by 10% instead.


 66.1325, 85.2282,
79.9830

 66.1325, 85.2282,
79.9830


436.3318,
512.3829, 514.5808

 48.6481, 64.0300,
59.1783


 112.7332,
140.6920, 135.1530

 34.5538, 46.6749,
42.3357


142.5801,
175.7263, 170.3554

 23.4842, 32.7788,
29.0367

177.2786,
216.1414, 211.1941

 15.0741, 21.9570,
18.8628

217.1940,
262.3217, 258.0876

 8.9581, 13.8253,
11.3954

262.6917,
314.6516, 311.4545

 4.7707, 7.9993,
6.2159

314.1369,

 2.1468, 4.0945,

373.5155, 371.7133

2.9059

371.8952,
439.2978, 439.2825

■ 0.7144, 1.7266,
1.0468

■ 0.0000, 0.4408,
0.0000

■ 66.1325, 85.2282,
79.9830

■ 66.1325, 85.2282,
79.9830

■ 59.4686, 81.9626,
72.1053

■ 73.9784, 89.0958,
88.4561

■ 53.9175, 79.2568,
64.8037

■ 83.0567, 93.5844,
97.5318

■ 49.4135, 77.0794,
58.0658

■ 93.4231, 98.7247,
107.2247

■ 45.8808, 75.3915,
51.8769

■ 94.7334, 99.3667,
108.7945

■ 43.2325, 74.1487,
46.2210

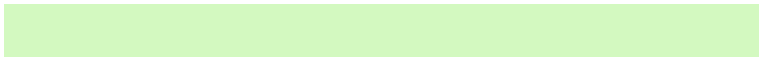
■ 41.3651, 73.2979,
41.0812

■ 40.1787, 72.7809,
36.7502

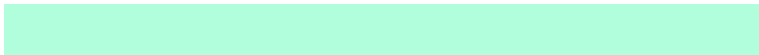
Harmonies

Analogous

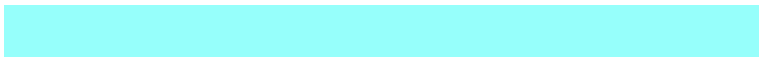
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1218, 85.2282, 62.4683



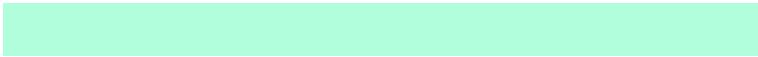
66.1325, 85.2282, 79.9830



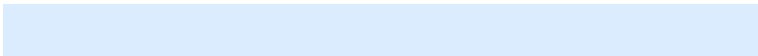
65.9403, 85.2282, 104.3495

Triad

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



66.1325, 85.2282, 79.9830



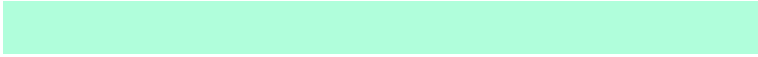
84.9454, 85.2282, 147.0095



93.6249, 85.2282, 63.8013

Complementary

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



66.1325, 85.2282, 79.9830



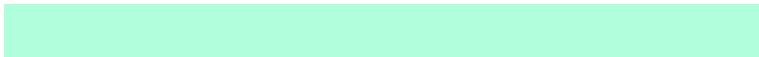
68.1592, 56.8268, 69.0078

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.



98.2096, 85.2282, 82.1340



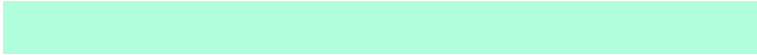
66.1325, 85.2282, 79.9830



92.9638, 85.2282, 131.6350

Square

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



66.1325, 85.2282, 79.9830



76.3987, 85.2282, 146.1540



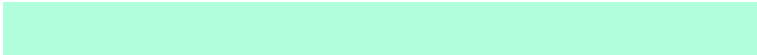
97.9593, 85.2282, 106.9158



85.7967, 85.2282, 54.3232

Rectangle

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



66.1325, 85.2282, 79.9830



67.9636, 85.2282, 121.5581



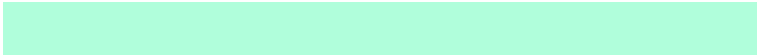
97.9593, 85.2282, 106.9158



95.6205, 85.2282, 68.9764

Sweetspot

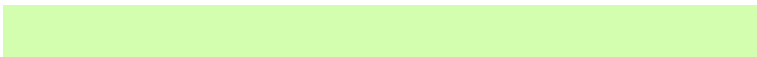
The Sweet Spot groups the original color and five complimentary colors.



66.1349, 85.2317, 79.9849



85.4908, 95.2585, 100.0283



70.1737, 87.8856, 54.3406



17.9893, 20.2361, 21.1134



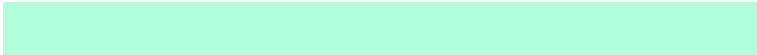
0.0000, 0.0000, 0.0000



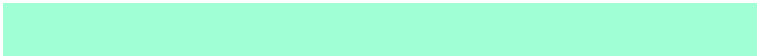
20.3446, 21.4041, 23.3091

Same Dimension

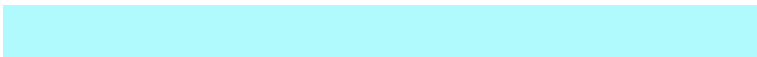
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1349, 85.2317, 79.9849



62.3548, 83.8477, 75.6234



70.0134, 84.8228, 106.4524



18.1907, 20.3358, 21.3069



21.2573, 38.3995, 19.7718



2.1248, 3.7609, 2.2152

Inverse Universe

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



68.1592, 56.8268, 69.0078



64.7019, 50.9388, 62.9148



65.0131, 56.8096, 48.6143



18.3482, 18.1226, 20.4506



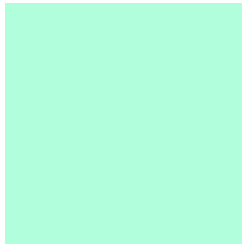
23.2213, 11.7778, 9.8159



2.3151, 1.1684, 1.2406

Previews

White Background



This preview shows how the XYZ color 66.1325, 85.2282, 79.9830 looks on a white background.

Color Contrast Check

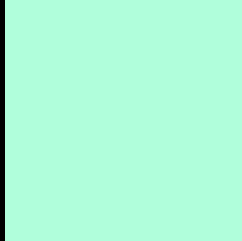
Large Text (above 18pt) WCAG AA × Fail

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 66.1325, 85.2282, 79.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

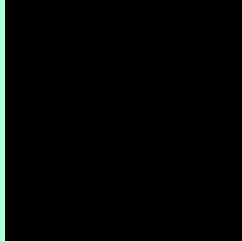
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

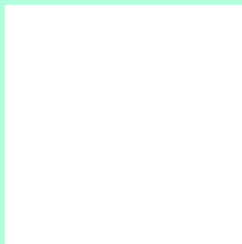
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1325, 85.2282, 79.9830

Background



This preview shows how black text looks on a background with the XYZ color 66.1325, 85.2282, 79.9830.



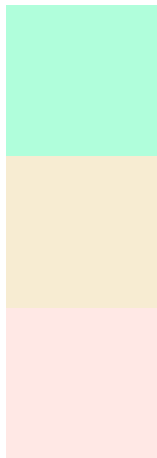
This preview shows how white text looks on a background with the XYZ color 66.1325, 85.2282,

79.9830.

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

66.1325, 85.2282, 79.9830

Protanopia

79.9861, 84.4182, 73.0514

Deuteranopia

84.2395, 84.6304, 86.0241



Tritanopia

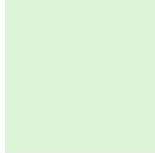
76.3951, 84.8765, 106.9641

Trichromacy



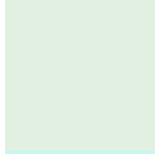
Original Color

66.1325, 85.2282, 79.9830



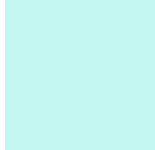
Protanomaly

73.8796, 84.2774, 75.3241



Deuteranomaly

76.1147, 83.9252, 83.4217



Tritanomaly

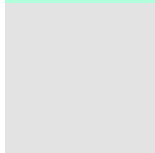
72.3137, 84.8027, 96.5616

Monochromacy



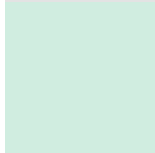
Original Color

66.1325, 85.2282, 79.9830



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.7512, 79.3601, 82.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1325, 85.2282, 79.9830 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(176, 254, 219)` looks like.

```
.text, #text, p{  
    color:rgb(176, 254, 219)  
}
```

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(176, 254, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 254, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.1325, 85.2282, 79.9830 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(176, 254, 219) }
```


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

```
.border{ border-color:rgb(176, 254, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 254, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 254, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 254, 219);  
box-shadow:4px 4px 4px 4px rgb(176, 254,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1325, 85.2282, 79.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 254, 219) }
```

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

```
.background{ background-color: rgb(176,  
254, 219) }
```

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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