

Converting Colors

XYZ(84.7637, 86.9131,
210.8275)

Have a look what the booklet for
XYZ(84.7637, 86.9131, 210.8275)
contains.

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Color

**XYZ(65.0009, 79.0026,
106.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F3FF
RGB	162, 243, 255
RGB Percent	64%, 95%, 100%
CMY	0.3647, 0.0470, 0.0000
CMYK	0.36, 0.05, 0.00, 0.00
HSL	188°, 100%, 82%
HSV	188°, 36%, 100%
XYZ	65.0009, 79.0026, 106.4309
YIQ	220.1490, -52.1280, -13.4400

Conversions

Conversions Part 2

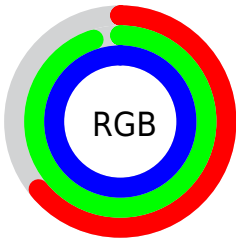
Format	Color
RYB	162, 205, 255
Decimal	10679295
CIELab	91.24, -21.70, -13.60
CIElCh	91, 25.612, 212.069
Yxy	79.0026, 0.2596, 0.3155
Android (android.graphics.Color)	4288869375 (0xFFA2F3FF)
YUV	220.1490, 17.1815, -50.9967
Hunter-Lab	88.8834, -25.0080, -8.7767

Details

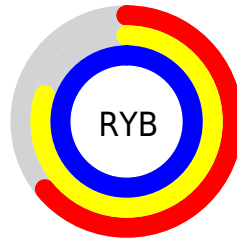
The XYZ color **65.0009, 79.0026, 106.4309** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.8979, 54.1408, 41.3194**, and the grayscale version is **68.0433, 71.5868, 77.9580**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **33.9072, 42.6820, 59.8774** is the 20% darker color. If you saturate the color by 10%, you get **59.3617, 74.6491, 105.8878**, and if you desaturate by 10%, it is **71.7122, 83.9388, 107.0299**.

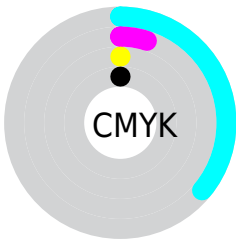
Distribution



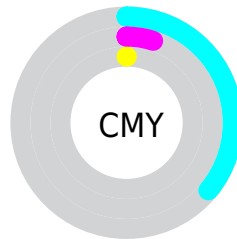
- Red (64%)
- Green (95%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0009, 79.0026, 106.4309 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 65.0009, 79.0026, 106.4309 by changing the saturation by 10% instead.

65.0009, 79.0026,
106.4309

65.0009, 79.0026,
106.4309

432.3404,
491.5651, 602.0417

47.7265, 58.8979,
81.0353

111.1169,
131.9625, 172.0957

33.8207, 42.5310,
60.0395

140.6891,
165.5866, 213.2019

22.9181, 29.5173,
43.0250

175.0914,
204.4859, 260.3822

14.6534, 19.4725,
29.5732

214.6891,
249.0449, 314.0549

8.6612, 12.0122,
19.2655

259.8474,
299.6479, 374.6387

4.5762, 6.7520,
11.6836

310.9319,

2.0330, 3.3075,

356.6793, 442.5520

6.4087

368.3077,
420.5236, 518.2135

0.6524, 1.2943,
3.0224

0.0000, 0.1368,
1.1061

65.0009, 79.0026,
106.4309

65.0009, 79.0026,
106.4309

59.3617, 74.6491,
105.8878

71.7122, 83.9388,
107.0299

54.7243, 70.8362,
105.3962

79.5479, 89.4790,
107.6863

51.0198, 67.5301,
104.9533

88.5643, 95.6544,
108.4030

48.1681, 64.6895,
104.5553

95.0500, 100.0000,
108.9000

■ 46.0748, 62.2654,
104.1978

■ 44.6222, 60.1972,
103.8751

■ 44.1998, 59.5196,
103.7666

Harmonies

Analogous

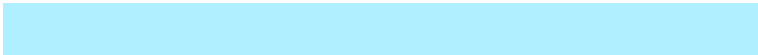
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.2934, 79.0026, 87.3175



65.0009, 79.0026, 106.4309



69.3933, 79.0026, 121.6278

Triad

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



65.0009, 79.0026, 106.4309



86.6666, 79.0026, 103.8752



74.6398, 79.0026, 55.0128

Complementary

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



65.0009, 79.0026, 106.4309



62.8979, 54.1408, 41.3194

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.



81.0895, 79.0026, 58.1441



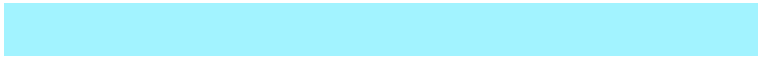
65.0009, 79.0026, 106.4309



88.2673, 79.0026, 84.7362

Square

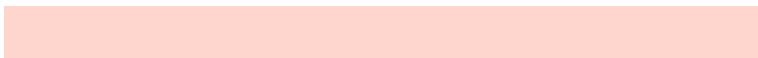
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0009, 79.0026, 106.4309



81.9139, 79.0026, 120.0091



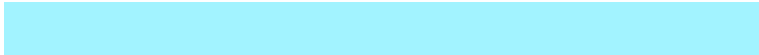
86.1717, 79.0026, 68.4019



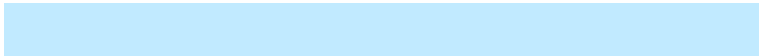
68.6553, 79.0026, 59.1439

Rectangle

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



65.0009, 79.0026, 106.4309



73.3804, 79.0026, 126.5068



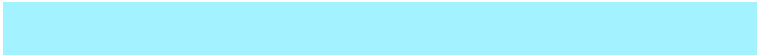
86.1717, 79.0026, 68.4019



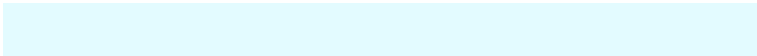
76.8251, 79.0026, 55.2496

Sweetspot

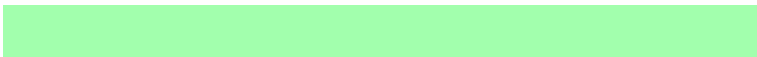
The Sweet Spot groups the original color and five complimentary colors.



65.0030, 79.0056, 106.4313



84.3294, 92.7759, 108.0707



58.1898, 82.2133, 52.2627



17.7891, 19.6791, 23.1108



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.



65.0030, 79.0056, 106.4313



60.6586, 75.6729, 106.0170



53.0659, 55.1313, 102.4523



18.3432, 20.0580, 23.1547



23.1735, 31.2566, 54.2463



2.3097, 3.1500, 5.2996

Inverse Universe

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



70.3394, 53.5734, 91.4309



66.8391, 47.1676, 88.4307



73.1853, 74.7154, 44.7486



18.6859, 18.2577, 22.2290



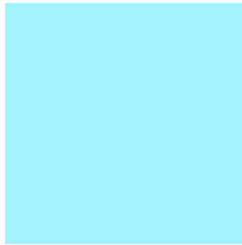
28.4851, 13.8833, 37.5346



2.8004, 1.3625, 3.7964

Previews

White Background



This preview shows how the XYZ color 65.0009, 79.0026, 106.4309 looks on a white background.

Color Contrast Check

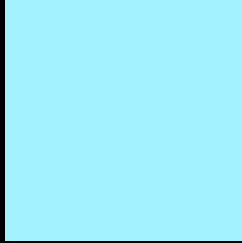
Large Text (above 18pt) WCAG AA × Fail

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 65.0009, 79.0026, 106.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

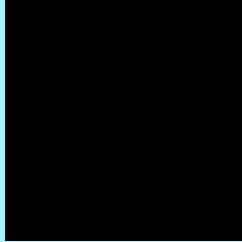
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0009, 79.0026, 106.4309

Background



This preview shows how black text looks on a background with the XYZ color 65.0009, 79.0026, 106.4309.

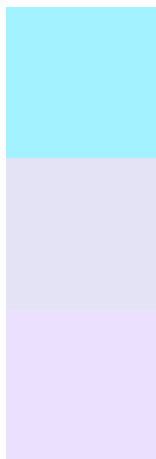


This preview shows how white text looks on a background with the XYZ color 65.0009, 79.0026,

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

65.0009, 79.0026, 106.4309

Protanopia

75.9454, 78.0247, 97.4437

Deuteranopia

79.2977, 78.3642, 105.5541



Tritanopia

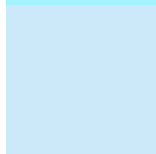
67.7389, 78.6563, 106.2197

Trichromacy



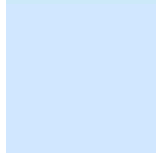
Original Color

65.0009, 79.0026, 106.4309



Protanomaly

71.1396, 77.9547, 100.9198



Deuteranomaly

72.9204, 77.9271, 105.8059



Tritanomaly

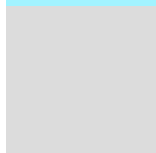
66.4437, 78.4244, 106.2432

Monochromacy



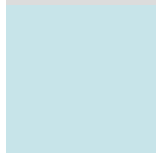
Original Color

65.0009, 79.0026, 106.4309



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

66.0046, 73.5121, 87.8012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0009, 79.0026, 106.4309 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(162, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 243, 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(162, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.0009, 79.0026, 106.4309 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(162, 243, 255) }
```


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

```
.border{ border-color:rgb(162, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0009, 79.0026, 106.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 243, 255) }
```

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

```
.background{ background-color: rgb(162,  
243, 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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