

Converting Colors

XYZ(70.3912, 81.0646,
128.8737)

Have a look what the booklet for
XYZ(70.3912, 81.0646, 128.8737)
contains.

XYZ(65.9506, 79.0491, 106.3898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.9506, 79.0491,
106.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F2FF
RGB	168, 242, 255
RGB Percent	66%, 95%, 100%
CMY	0.3412, 0.0510, 0.0000
CMYK	0.34, 0.05, 0.00, 0.00
HSL	189°, 100%, 83%
HSV	189°, 34%, 100%
XYZ	65.9506, 79.0491, 106.3898
YIQ	221.3560, -48.2770, -11.6450

Conversions

Conversions Part 2

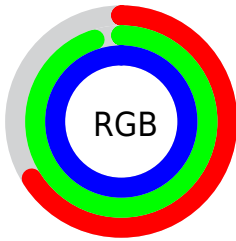
Format	Color
R_{YB}	168, 208, 255
Decimal	11072255
CIE _{Lab}	91.26, -19.66, -13.54
CIE _{LCh}	91, 23.869, 214.550
Yxy	79.0491, 0.2623, 0.3144
Android (android.graphics.Color)	4289262335 (0xFFA8F2FF)
YUV	221.3560, 16.5865, -46.7932
Hunter-Lab	88.9096, -23.1855, -8.7101

Details

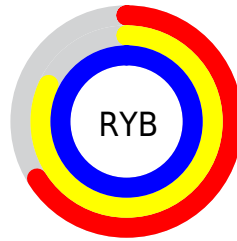
The XYZ color **65.9506, 79.0491, 106.3898** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8320, 57.1349, 44.6588**, and the grayscale version is **68.8906, 72.4782, 78.9288**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **34.4340, 42.6398, 59.8415** is the 20% darker color. If you saturate the color by 10%, you get **59.9234, 74.2782, 105.7866**, and if you desaturate by 10%, it is **73.0701, 84.4220, 107.0516**.

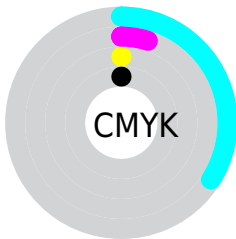
Distribution



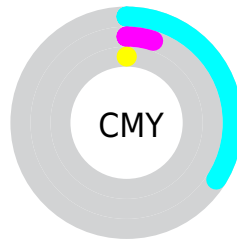
- Red (66%)
- Green (95%)
- Blue (100%)



- Red (66%)
- Yellow (82%)
- Blue (100%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9506, 79.0491, 106.3898 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 65.9506, 79.0491, 106.3898 by changing the saturation by 10% instead.

65.9506, 79.0491,
106.3898

65.9506, 79.0491,
106.3898

435.6916,
491.7224, 601.9112

48.4999, 58.9362,
81.0010

112.4736,
132.0280, 172.0391

34.4358, 42.5617,
60.0114

142.2765,
165.6627, 213.1366

23.3931, 29.5414,
43.0025

176.9275,
204.5735, 260.3075

15.0063, 19.4908,
29.5557

216.7920,
249.1448, 313.9703

8.9102, 12.0254,
19.2524

262.2353,
299.7610, 374.5436

4.7393, 6.7610,
11.6741

313.6227,

2.1283, 3.3131,

356.8063, 442.4458

6.4024

371.3197,
420.6654, 518.0955

0.7045, 1.2973,
3.0185

0.0000, 0.1391,
1.1041

65.9506, 79.0491,
106.3898

65.9506, 79.0491,
106.3898

59.9234, 74.2782,
105.7866

73.0701, 84.4220,
107.0516

54.9195, 70.0678,
105.2376

81.3331, 90.4177,
107.7734

50.8718, 66.3850,
104.7401

90.7952, 97.0671,
108.5581

47.7025, 63.1894,
104.2903

95.0500, 100.0000,
108.9000

■ 45.3213, 60.4343,
103.8840

■ 43.6175, 58.0624,
103.5160

■ 42.8390, 56.7981,
103.3130

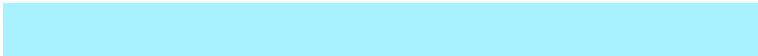
Harmonies

Analogous

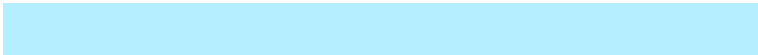
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1198, 79.0491, 88.7419



65.9506, 79.0491, 106.3898



70.2430, 79.0491, 119.8093

Triad

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



65.9506, 79.0491, 106.3898



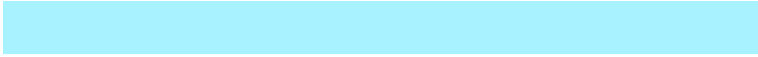
86.1394, 79.0491, 101.2025



74.2145, 79.0491, 56.9388

Complementary

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



65.9506, 79.0491, 106.3898



64.8320, 57.1349, 44.6588

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.



80.2465, 79.0491, 59.3478



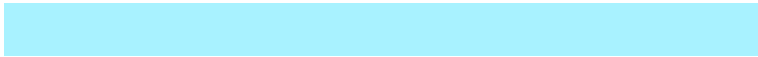
65.9506, 79.0491, 106.3898



87.3419, 79.0491, 83.4543

Square

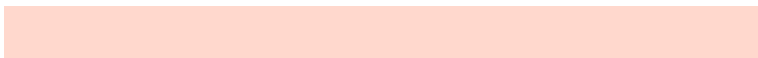
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9506, 79.0491, 106.3898



81.9288, 79.0491, 116.5435



85.1322, 79.0491, 68.5195



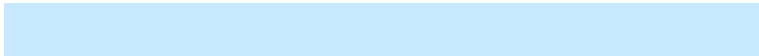
68.7253, 79.0491, 61.4352

Rectangle

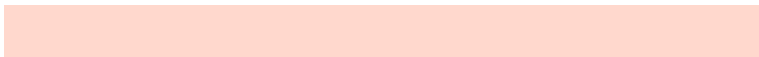
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9506, 79.0491, 106.3898



74.0338, 79.0491, 123.6948



85.1322, 79.0491, 68.5195



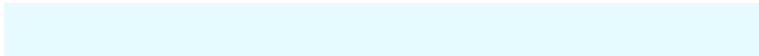
76.2446, 79.0491, 56.9734

Sweetspot

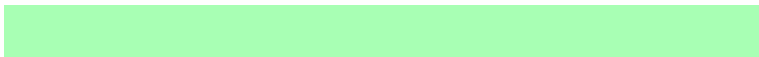
The Sweet Spot groups the original color and five complimentary colors.



65.9527, 79.0521, 106.3903



85.0797, 93.0740, 108.0886



60.1072, 83.1244, 55.8451



17.9318, 19.7248, 23.1121



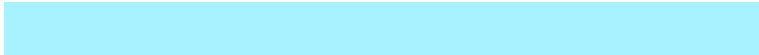
0.0000, 0.0000, 0.0000



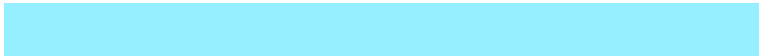
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9527, 79.0521, 106.3903



61.6891, 75.7038, 105.9687



54.8310, 56.8087, 102.6830



18.3101, 19.9917, 23.1437



22.4721, 29.8537, 54.0125



2.2481, 3.0268, 5.2790

Inverse Universe

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



71.2710, 55.6778, 90.9983



67.8548, 49.4712, 87.9302



74.7230, 76.9169, 47.9558



18.6692, 18.2510, 22.1409



28.1311, 13.7417, 35.6703



2.7693, 1.3501, 3.6327

Previews

White Background



This preview shows how the XYZ color 65.9506, 79.0491, 106.3898 looks on a white background.

Color Contrast Check

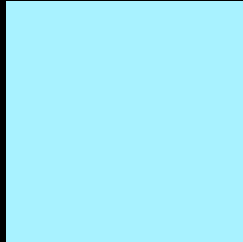
Large Text (above 18pt) WCAG AA × Fail

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 65.9506, 79.0491, 106.3898 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 65.9506, 79.0491, 106.3898

Background



This preview shows how black text looks on a background with the XYZ color 65.9506, 79.0491, 106.3898.

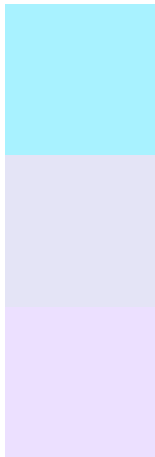


This preview shows how white text looks on a background with the XYZ color 65.9506, 79.0491,

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

65.9506, 79.0491, 106.3898

Protanopia

76.3729, 78.6346, 98.3415

Deuteranopia

79.2977, 78.3642, 105.5541



Tritanopia

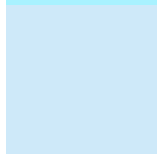
68.2079, 78.8981, 106.2417

Trichromacy



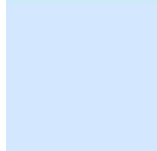
Original Color

65.9506, 79.0491, 106.3898



Protanomaly

71.6914, 78.2392, 100.9457



Deuteranomaly

73.4899, 78.2207, 105.8325



Tritanomaly

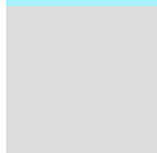
67.3416, 78.8873, 106.2852

Monochromacy



Original Color

65.9506, 79.0491, 106.3898



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

67.0844, 74.4784, 87.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9506, 79.0491, 106.3898 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(168, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 242, 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(168, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9506, 79.0491, 106.3898 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(168, 242, 255) }
```


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

```
.border{ border-color:rgb(168, 242, 255) }
```

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

Here you see how a box with a 4 pixel rgb(168, 242, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9506, 79.0491, 106.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 242, 255) }
```

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

```
.background{ background-color: rgb(168,  
242, 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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