

Converting Colors

XYZ(61.4357, 78.1831,
106.4606)

Have a look what the booklet for
XYZ(61.4357, 78.1831, 106.4606)
contains.

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Color

**XYZ(61.3499, 78.0138,
106.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	8BF5FF
RGB	139, 245, 255
RGB Percent	55%, 96%, 100%
CMY	0.4549, 0.0392, 0.0000
CMYK	0.45, 0.04, 0.00, 0.00
HSL	185°, 100%, 77%
HSV	185°, 45%, 100%
XYZ	61.3499, 78.0138, 106.4324
YIQ	214.4460, -66.3860, -19.3620

Conversions

Conversions Part 2

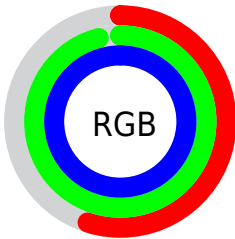
Format	Color
RYB	139, 194, 255
Decimal	9172479
CIELab	90.79, -28.17, -14.37
CIELCh	91, 31.629, 207.030
Yxy	78.0138, 0.2496, 0.3174
Android (android.graphics.Color)	4287362559 (0xFF8BF5FF)
YUV	214.4460, 19.9931, -66.1661
Hunter-Lab	88.3254, -30.5853, -9.6168

Details

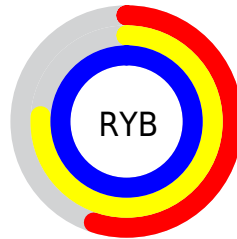
The XYZ color **61.3499, 78.0138, 106.4324** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.6483, 44.6196, 30.0549**, and the grayscale version is **64.1204, 67.4597, 73.4636**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **31.3181, 41.6634, 59.8173** is the 20% darker color. If you saturate the color by 10%, you get **56.9180, 74.7498, 106.0360**, and if you desaturate by 10%, it is **66.7868, 81.8113, 106.8789**.

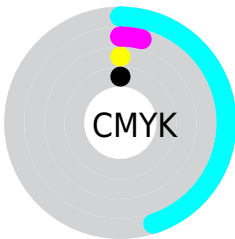
Distribution



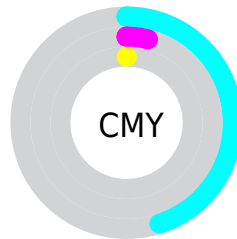
- Red (55%)
- Green (96%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3499, 78.0138, 106.4324 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 61.3499, 78.0138, 106.4324 by changing the saturation by 10% instead.

61.3499, 78.0138,
106.4324

61.3499, 78.0138,
106.4324

419.3112,
488.2137, 602.0465

44.7612, 58.0853,
81.0365

105.8806,
130.5696, 172.0977

31.4699, 41.8772,
60.0405

134.5534,
163.9657, 213.2043

21.1105, 29.0052,
43.0258

167.9850,
202.6197, 260.3849

13.3177, 19.0847,
29.5738

206.5406,
246.9162, 314.0580

7.7262, 11.7315,
19.2660

250.5857,
297.2394, 374.6421

3.9706, 6.5611,
11.6839

300.4856,

1.6855, 3.1892,

353.9738, 442.5559

6.4089

356.6056,
417.5038, 518.2178

■ 0.4472, 1.2313,
3.0225

■ 0.0000, 0.0870,
1.1061

■ 61.3499, 78.0138,
106.4324

■ 61.3499, 78.0138,
106.4324

■ 56.9180, 74.7498,
106.0360

■ 66.7868, 81.8113,
106.8789

■ 53.4147, 71.9744,
105.6849

■ 73.2857, 86.1662,
107.3769

■ 50.7630, 69.6496,
105.3760

■ 80.9068, 91.1114,
107.9297

■ 48.8703, 67.7277,
105.1048

■ 89.7039, 96.6747,
108.5399

■ 47.6224, 66.1498, 95.0500, 100.0000,
104.8660 108.9000

■ 47.1960, 65.5121,
104.7653

Harmonies

Analogous

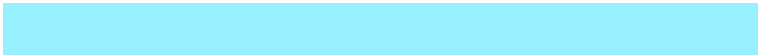
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.9079, 78.0138, 82.6954



61.3499, 78.0138, 106.4324



66.1383, 78.0138, 127.2191

Triad

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



61.3499, 78.0138, 106.4324



87.7275, 78.0138, 111.0647



74.9447, 78.0138, 48.2962

Complementary

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



61.3499, 78.0138, 106.4324



56.6483, 44.6196, 30.0549

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.



82.7835, 78.0138, 53.2552



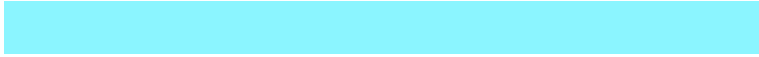
61.3499, 78.0138, 106.4324



90.4868, 78.0138, 87.2325

Square

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



61.3499, 78.0138, 106.4324



81.3157, 78.0138, 130.2118



88.6166, 78.0138, 66.5616



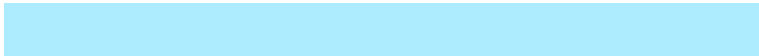
67.4177, 78.0138, 51.6107

Rectangle

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



61.3499, 78.0138, 106.4324



70.7715, 78.0138, 135.1452



88.6166, 78.0138, 66.5616



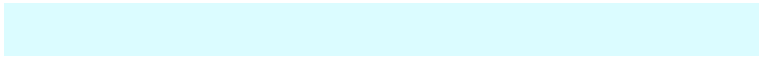
77.6339, 78.0138, 49.0260

Sweetspot

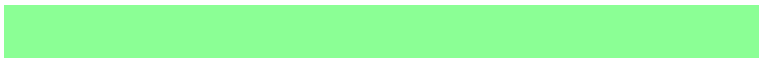
The Sweet Spot groups the original color and five complimentary colors.



61.3520, 78.0167, 106.4329



82.1402, 91.8994, 108.0169



51.8070, 79.1689, 40.8471



17.2004, 19.4266, 23.0931



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.



61.3520, 78.0167, 106.4329



57.1122, 74.8975, 106.0543



46.5402, 48.3930, 101.4956



18.4131, 20.1978, 23.1780



24.7165, 34.3427, 54.7607



2.4443, 3.4193, 5.3444

Inverse Universe

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



66.9555, 46.3196, 91.8011



63.5069, 39.9304, 89.0860



68.1333, 67.5896, 33.8833



18.7212, 18.2718, 22.4148



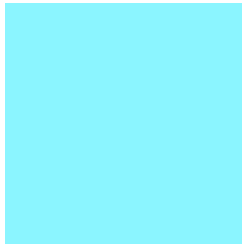
29.2640, 14.1949, 41.6360



2.8684, 1.3897, 4.1543

Previews

White Background



This preview shows how the XYZ color 61.3499, 78.0138, 106.4324 looks on a white background.

Color Contrast Check

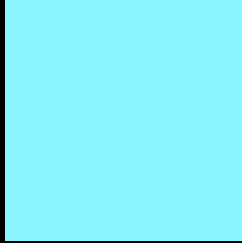
Large Text (above 18pt) WCAG AA × Fail

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 61.3499, 78.0138, 106.4324 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 61.3499, 78.0138, 106.4324

Background



This preview shows how black text looks on a background with the XYZ color 61.3499, 78.0138, 106.4324.

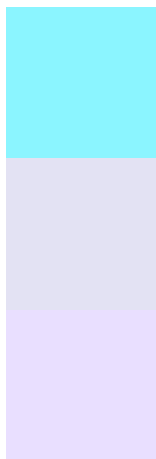


This preview shows how white text looks on a background with the XYZ color 61.3499, 78.0138,

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

61.3499, 78.0138, 106.4324

Protanopia

75.0526, 77.1947, 95.7384

Deuteranopia

78.0419, 77.3190, 105.4185



Tritanopia

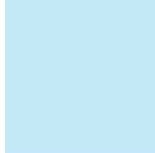
65.3585, 77.8650, 106.1924

Trichromacy



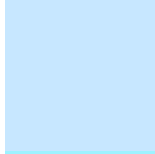
Original Color

61.3499, 78.0138, 106.4324



Protanomaly

68.4331, 76.5953, 99.1733



Deuteranomaly

70.1791, 76.5139, 105.6776



Tritanomaly

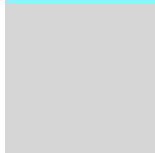
63.7068, 77.8924, 106.2848

Monochromacy



Original Color

61.3499, 78.0138, 106.4324



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.5616, 70.0724, 84.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3499, 78.0138, 106.4324 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(139, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 245, 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(139, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.3499, 78.0138, 106.4324 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(139, 245, 255) }
```


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

```
.border{ border-color:rgb(139, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3499, 78.0138, 106.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 245, 255) }
```

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

```
.background{ background-color: rgb(139,  
245, 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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