

Converting Colors

XYZ(61.3149, 79.4842,
106.7181)

Have a look what the booklet for
XYZ(61.3149, 79.4842, 106.7181)
contains.

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Color

**XYZ(61.2903, 79.3413,
106.6918)**

Conversions

Conversions Part 1

Format	Color
Hex	85F8FF
RGB	133, 248, 255
RGB Percent	52%, 97%, 100%
CMY	0.4784, 0.0274, 0.0000
CMYK	0.48, 0.03, 0.00, 0.00
HSL	183°, 100%, 76%
HSV	183°, 48%, 100%
XYZ	61.2903, 79.3413, 106.6918
YIQ	214.4130, -70.7870, -22.2030

Conversions

Conversions Part 2

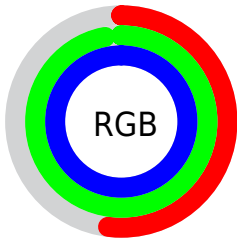
Format	Color
RYB	133, 192, 255
Decimal	8780031
CIELab	91.39, -30.91, -13.50
CIElCh	91, 33.729, 203.588
Yxy	79.3413, 0.2478, 0.3208
Android (android.graphics.Color)	4286970111 (0xFF85F8FF)
YUV	214.4130, 20.0094, -71.3992
Hunter-Lab	89.0737, -33.0559, -8.6655

Details

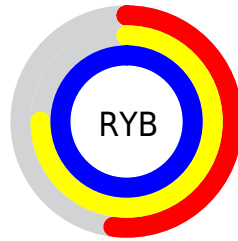
The XYZ color **61.2903, 79.3413, 106.6918** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.8524, 41.7104, 27.3524**, and the grayscale version is **64.1003, 67.4385, 73.4405**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **31.3496, 42.6409, 60.0043** is the 20% darker color. If you saturate the color by 10%, you get **57.2952, 76.6187, 106.3769**, and if you desaturate by 10%, it is **66.2703, 82.5805, 107.0546**.

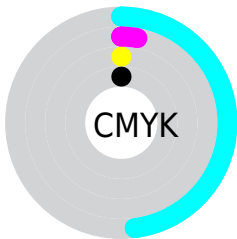
Distribution



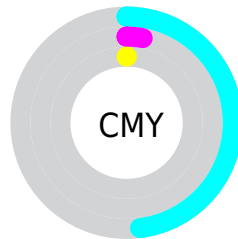
- Red (52%)
- Green (97%)
- Blue (100%)



- Red (52%)
- Yellow (75%)
- Blue (100%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2903, 79.3413, 106.6918 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 61.2903, 79.3413, 106.6918 by changing the saturation by 10% instead.

61.2903, 79.3413,
106.6918

61.2903, 79.3413,
106.6918

419.0965,
492.7102, 602.8697

44.7129, 59.1765,
81.2529

105.7949,
132.4392, 172.4551

31.4317, 42.7552,
60.2177

134.4528,
166.1411, 213.6165

21.0812, 29.6931,
43.1676

167.8683,
205.1241, 260.8558

13.2962, 19.6057,
29.6843

206.4067,
249.7727, 314.5915

7.7112, 12.1088,
19.3491

250.4334,
300.4712, 375.2422

3.9610, 6.8178,
11.7434

300.3136,

1.6801, 3.3484,

357.6040, 443.2265

6.4488

356.4129,
421.5555, 518.9628

0.4438, 1.3162,
3.0467

0.0000, 0.1537,
1.1185

61.2903, 79.3413,
106.6918

61.2903, 79.3413,
106.6918

57.2952, 76.6187,
106.3769

66.2703, 82.5805,
107.0546

54.2066, 74.3669,
106.1050

72.2935, 86.3609,
107.4668

51.9448, 72.5464,
105.8728

79.4212, 90.7159,
107.9317

50.4134, 71.1076,
105.6758

87.7082, 95.6738,
108.4519

■ 49.4831, 69.9840,
105.5080

95.0500, 100.0000,
108.9000

■ 49.3210, 69.7620,
105.4737

Harmonies

Analogous

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



60.1873, 79.3413, 81.2231



61.2903, 79.3413, 106.6918



66.0433, 79.3413, 130.2260

Triad

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



61.2903, 79.3413, 106.6918



89.4713, 79.3413, 117.5532



77.2676, 79.3413, 47.4534

Complementary

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



61.2903, 79.3413, 106.6918



54.8524, 41.7104, 27.3524

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.



85.6262, 79.3413, 53.6925



61.2903, 79.3413, 106.6918



93.0083, 79.3413, 91.7698

Square

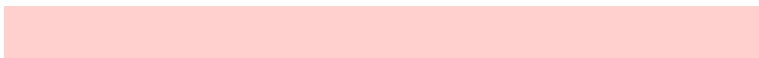
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2903, 79.3413, 106.6918



82.2023, 79.3413, 137.2816



91.5505, 79.3413, 68.8408



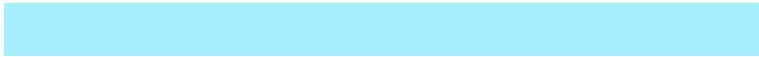
69.0055, 79.3413, 49.9434

Rectangle

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



61.2903, 79.3413, 106.6918



70.8490, 79.3413, 140.0521



91.5505, 79.3413, 68.8408



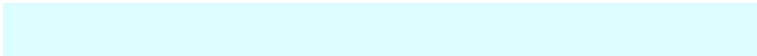
80.1658, 79.3413, 48.5540

Sweetspot

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



61.2924, 79.3443, 106.6923



82.4641, 92.5473, 108.1248



50.1018, 78.3742, 36.9537



17.2803, 19.5864, 23.1197



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.



61.2924, 79.3443, 106.6923



57.5952, 76.8291, 106.4017



45.6864, 48.1322, 101.4903



18.4604, 20.2924, 23.1938



25.8098, 36.5292, 55.1251



2.5391, 3.6089, 5.3760

Inverse Universe

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



66.5722, 44.8143, 93.9514



63.5150, 39.0312, 91.9107



66.1521, 64.3098, 31.1189



18.7450, 18.2813, 22.5404



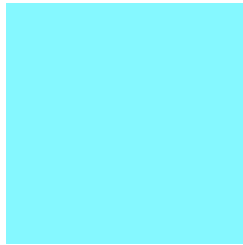
29.8158, 14.4156, 44.5419



2.9162, 1.4089, 4.4063

Previews

White Background



This preview shows how the XYZ color 61.2903, 79.3413, 106.6918 looks on a white background.

Color Contrast Check

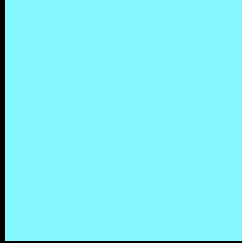
Large Text (above 18pt) WCAG AA × Fail

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 61.2903, 79.3413, 106.6918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

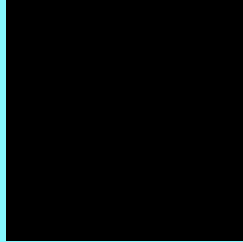
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2903, 79.3413, 106.6918

Background



This preview shows how black text looks on a background with the XYZ color 61.2903, 79.3413, 106.6918.

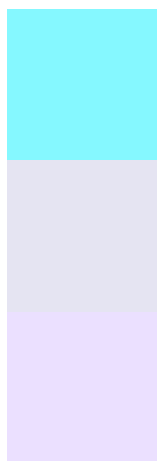


This preview shows how white text looks on a background with the XYZ color 61.2903, 79.3413,

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

61.2903, 79.3413, 106.6918

Protanopia

76.0835, 78.5556, 95.1571

Deuteranopia

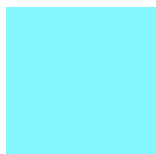
78.9666, 78.1935, 105.5386



Tritanopia

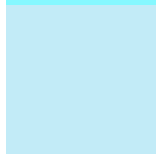
66.7389, 79.0148, 106.3416

Trichromacy



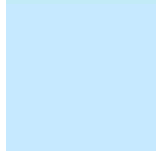
Original Color

61.2903, 79.3413, 106.6918



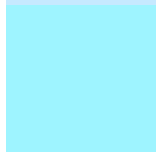
Protanomaly

68.7450, 77.6014, 99.3510



Deuteranomaly

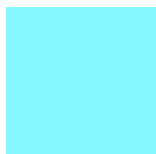
70.4776, 77.5036, 105.8529



Tritanomaly

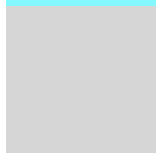
64.5012, 79.1905, 106.4935

Monochromacy



Original Color

61.2903, 79.3413, 106.6918



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.3468, 70.3641, 84.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2903, 79.3413, 106.6918 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(133, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 248, 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(133, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2903, 79.3413, 106.6918 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(133, 248, 255) }
```


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

```
.border{ border-color:rgb(133, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2903, 79.3413, 106.6918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 248, 255) }
```

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

```
.background{ background-color: rgb(133,  
248, 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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