

Converting Colors

XYZ(61.7053, 76.3034,
107.6798)

Have a look what the booklet for
XYZ(61.7053, 76.3034, 107.6798)
contains.

XYZ(61.5379, 76.3336, 106.0982)	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(61.5379, 76.3336,
106.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	93F1FF
RGB	147, 241, 255
RGB Percent	58%, 95%, 100%
CMY	0.4235, 0.0549, 0.0000
CMYK	0.42, 0.05, 0.00, 0.00
HSL	188°, 100%, 79%
HSV	188°, 42%, 100%
XYZ	61.5379, 76.3336, 106.0982
YIQ	214.4900, -60.5180, -15.5740

Conversions

Conversions Part 2

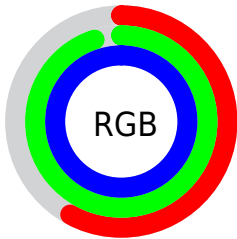
Format	Color
RYB	147, 197, 255
Decimal	9695743
CIELab	90.01, -24.41, -15.50
CIElCh	90, 28.910, 212.416
Yxy	76.3336, 0.2522, 0.3129
Android (android.graphics.Color)	4287885823 (0xFF93F1FF)
YUV	214.4900, 19.9714, -59.1887
Hunter-Lab	87.3691, -27.1705, -10.8415

Details

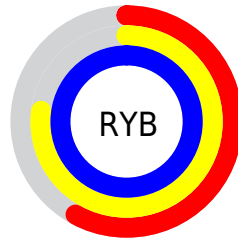
The XYZ color **61.5379, 76.3336, 106.0982** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.2518, 48.8567, 33.9131**, and the grayscale version is **64.1473, 67.4879, 73.4943**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **31.6618, 40.8990, 59.6516** is the 20% darker color. If you saturate the color by 10%, you get **56.4931, 72.2956, 105.5847**, and if you desaturate by 10%, it is **67.6179, 80.9352, 106.6660**.

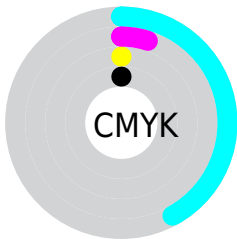
Distribution



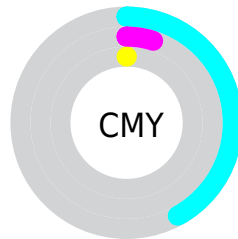
- Red (58%)
- Green (95%)
- Blue (100%)



- Red (58%)
- Yellow (77%)
- Blue (100%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5379, 76.3336, 106.0982 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 61.5379, 76.3336, 106.0982 by changing the saturation by 10% instead.


 61.5379, 76.3336,
106.0982


 61.5379, 76.3336,
106.0982


419.9880,
482.4889, 600.9850

 44.9136, 56.7061,
80.7579

 106.1511,
128.1984, 171.6373

 31.5904, 40.7693,
59.8124


 134.8707,
161.2044, 212.6731

 21.2028, 28.1389,
42.8431

168.3528,
199.4388, 259.7779

 13.3857, 18.4304,
29.4316

206.9627,
243.2858, 313.3702

 7.7735, 11.2594,
19.1592

251.0659,
293.1300, 373.8685

 4.0009, 6.2416,
11.6074

301.0275,

 1.7027, 2.9925,

349.3556, 441.6914

6.3576

357.2131,
412.3471, 517.2574

■ 0.4579, 1.1278,
2.9915

■ 0.0000, 0.0016,
1.0903

■ 61.5379, 76.3336,
106.0982

■ 61.5379, 76.3336,
106.0982

■ 56.4931, 72.2956,
105.5847

■ 67.6179, 80.9352,
106.6660

■ 52.4096, 68.7776,
105.1209

■ 74.7887, 86.1238,
107.2895

■ 49.2134, 65.7430,
104.7036

■ 83.1089, 91.9316,
107.9720

■ 46.8167, 63.1466,
104.3288

■ 92.6313, 98.3859,
108.7159

■ 45.1134, 60.9334,
103.9913

95.0500, 100.0000,
108.9000

■ 44.1587, 59.4373,
103.7529

Harmonies

Analogous

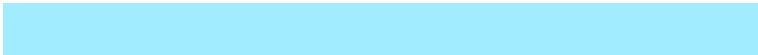
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.6460, 76.3336, 84.7877



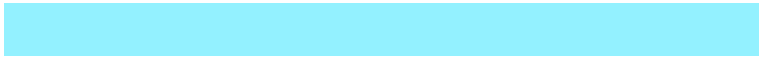
61.5379, 76.3336, 106.0982



66.3614, 76.3336, 123.1981

Triad

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



61.5379, 76.3336, 106.0982



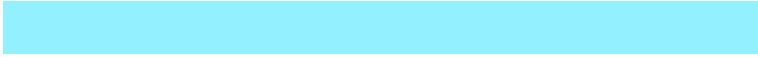
85.4551, 76.3336, 102.7460



71.9739, 76.3336, 49.6105

Complementary

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



61.5379, 76.3336, 106.0982



59.2518, 48.8567, 33.9131

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.



79.1178, 76.3336, 52.8309



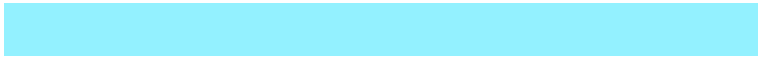
61.5379, 76.3336, 106.0982



87.1989, 76.3336, 81.4630

Square

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



61.5379, 76.3336, 106.0982



80.1877, 76.3336, 121.0496



84.8094, 76.3336, 63.7153



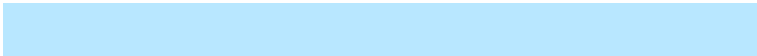
65.4186, 76.3336, 54.0694

Rectangle

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



61.5379, 76.3336, 106.0982



70.7505, 76.3336, 128.6560



84.8094, 76.3336, 63.7153



74.3855, 76.3336, 49.8306

Sweetspot

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



61.5400, 76.3365, 106.0987



82.5330, 91.5354, 107.9259



54.1041, 80.2477, 45.7142



17.2543, 19.3082, 23.0674



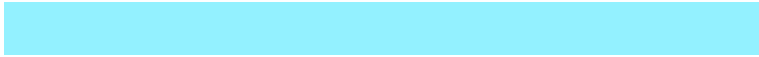
0.0000, 0.0000, 0.0000



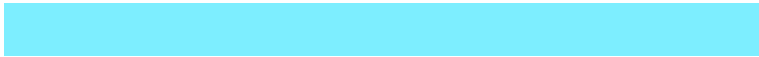
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5400, 76.3365, 106.0987



57.1171, 72.8102, 105.6511



48.1529, 49.5623, 101.6363



18.3422, 20.0561, 23.1544



23.1523, 31.2142, 54.2393



2.3078, 3.1463, 5.2989

Inverse Universe

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



67.5522, 48.4800, 89.0194



64.0213, 42.0962, 85.7523



70.4528, 71.2586, 37.6468



18.6854, 18.2575, 22.2264



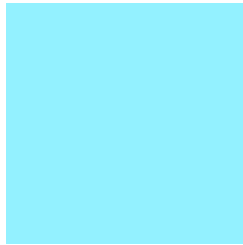
28.4744, 13.8791, 37.4783



2.7995, 1.3622, 3.7915

Previews

White Background



This preview shows how the XYZ color 61.5379, 76.3336, 106.0982 looks on a white background.

Color Contrast Check

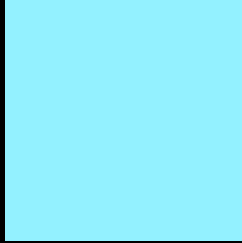
Large Text (above 18pt) WCAG AA × Fail

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 61.5379, 76.3336, 106.0982 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 61.5379, 76.3336, 106.0982

Background



This preview shows how black text looks on a background with the XYZ color 61.5379, 76.3336, 106.0982.

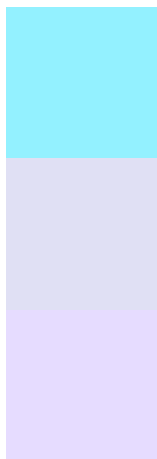


This preview shows how white text looks on a background with the XYZ color 61.5379, 76.3336,

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

61.5379, 76.3336, 106.0982

Protanopia

73.7253, 75.6903, 96.3119

Deuteranopia

76.2763, 75.2294, 105.1083



Tritanopia

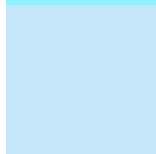
63.5248, 76.0505, 105.9388

Trichromacy



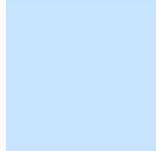
Original Color

61.5379, 76.3336, 106.0982



Protanomaly

68.0050, 75.1067, 99.7197



Deuteranomaly

69.6128, 74.9862, 105.4125



Tritanomaly

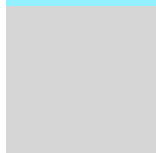
62.8211, 76.1211, 105.9896

Monochromacy



Original Color

61.5379, 76.3336, 106.0982



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.0337, 69.9156, 84.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5379, 76.3336, 106.0982 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(147, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 241, 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(147, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.5379, 76.3336, 106.0982 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(147, 241, 255) }
```


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

```
.border{ border-color:rgb(147, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5379, 76.3336, 106.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 241, 255) }
```

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

```
.background{ background-color: rgb(147,  
241, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor