

Converting Colors

XYZ(61.0373, 77.2682,
106.3050)

Have a look what the booklet for
XYZ(61.0373, 77.2682, 106.3050)
contains.

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Color

**XYZ(61.0481, 77.4103,
106.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	8BF4FF
RGB	139, 244, 255
RGB Percent	55%, 96%, 100%
CMY	0.4549, 0.0431, 0.0000
CMYK	0.45, 0.04, 0.00, 0.00
HSL	186°, 100%, 77%
HSV	186°, 45%, 100%
XYZ	61.0481, 77.4103, 106.3319
YIQ	213.8590, -66.1110, -18.8390

Conversions

Conversions Part 2

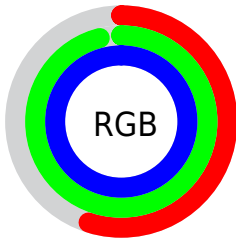
Format	Color
RYB	139, 194, 255
Decimal	9172223
CIELab	90.51, -27.69, -14.79
CIELCh	91, 31.395, 208.100
Yxy	77.4103, 0.2494, 0.3162
Android (android.graphics.Color)	4287362303 (0xFF8BF4FF)
YUV	213.8590, 20.2825, -65.6513
Hunter-Lab	87.9831, -30.1162, -10.0667

Details

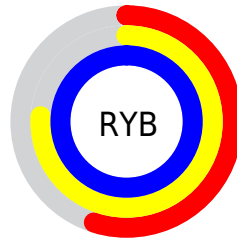
The XYZ color **61.0481, 77.4103, 106.3319** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.8070, 44.9372, 30.1077**, and the grayscale version is **63.7234, 67.0420, 73.0087**.

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 **56.5545, 74.0228, 105.9148**, and if you desaturate by 10%, it is **66.5483, 81.3345, 106.7994**.

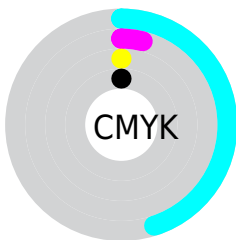
Distribution



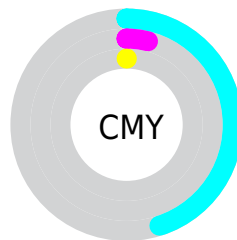
- Red (55%)
- Green (96%)
- Blue (100%)



- 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 61.0481, 77.4103, 106.3319 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 61.0481, 77.4103, 106.3319 by changing the saturation by 10% instead.

61.0481, 77.4103,
106.3319

61.0481, 77.4103,
106.3319

418.2234,
486.1618, 601.7274

44.5167, 57.5897,
80.9528

105.4463,
129.7185, 171.9593

31.2766, 41.4789,
59.9719

134.0438,
162.9749, 213.0446

20.9624, 28.6935,
42.9708

167.3940,
201.4786, 260.2024

13.2088, 18.8490,
29.5310

205.8623,
245.6141, 313.8512

7.6505, 11.5613,
19.2339

249.8140,
295.7658, 374.4096

3.9220, 6.4457,
11.6609

299.6146,

1.6581, 3.1179,

352.3181, 442.2960

6.3935

355.6292,
415.6553, 517.9291

■ 0.4298, 1.1936,
3.0131

■ 0.0000, 0.0565,
1.1014

■ 61.0481, 77.4103,
106.3319

■ 61.0481, 77.4103,
106.3319

■ 56.5545, 74.0228,
105.9148

■ 66.5483, 81.3345,
106.7994

■ 52.9911, 71.1272,
105.5437

■ 73.1123, 85.8195,
107.3191

■ 50.2809, 68.6854,
105.2153

■ 80.8000, 90.8980,
107.8942

■ 48.3313, 66.6498,
104.9251

■ 89.6655, 96.5981,
108.5272

■ 47.0282, 64.9614,
104.6679

95.0500, 100.0000,
108.9000

■ 46.5775, 64.2749,
104.5592

Harmonies

Analogous

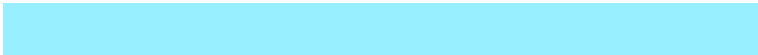
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4977, 77.4103, 82.8617



61.0481, 77.4103, 106.3319



65.8845, 77.4103, 126.5716

Triad

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



61.0481, 77.4103, 106.3319



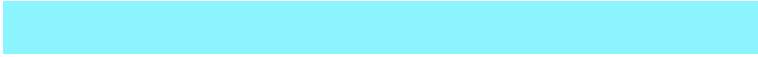
87.1493, 77.4103, 109.2564



74.0777, 77.4103, 48.0431

Complementary

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



61.0481, 77.4103, 106.3319



56.8070, 44.9372, 30.1077

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.



81.8443, 77.4103, 52.6553



61.0481, 77.4103, 106.3319



89.7168, 77.4103, 85.7279

Square

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



61.0481, 77.4103, 106.3319



80.9173, 77.4103, 128.4602



87.7107, 77.4103, 65.5207



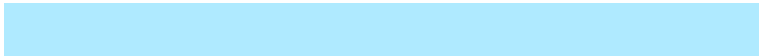
66.6930, 77.4103, 51.6149

Rectangle

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



61.0481, 77.4103, 106.3319



70.5074, 77.4103, 134.0577



87.7107, 77.4103, 65.5207



76.7327, 77.4103, 48.6682

Sweetspot

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



61.0502, 77.4132, 106.3323



82.0436, 91.7063, 107.9847



51.8069, 79.1688, 40.8469



17.1766, 19.3791, 23.0852



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.



61.0502, 77.4132, 106.3323



56.7517, 74.1765, 105.9341



46.5400, 48.3929, 101.4956



18.3990, 20.1696, 23.1733



24.3981, 33.7058, 54.6545



2.4166, 3.3639, 5.3352

Inverse Universe

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



66.8031, 46.2586, 90.9990



63.3250, 39.8576, 88.1278



68.1332, 67.5895, 33.8831



18.7140, 18.2689, 22.3773



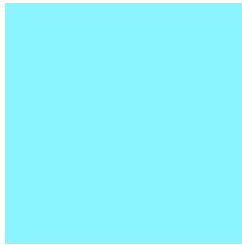
29.1032, 14.1306, 40.7897



2.8544, 1.3841, 4.0807

Previews

White Background



This preview shows how the XYZ color 61.0481, 77.4103, 106.3319 looks on a white background.

Color Contrast Check

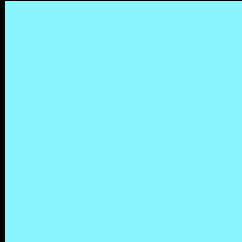
Large Text (above 18pt) WCAG AA × Fail

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 61.0481, 77.4103, 106.3319 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 61.0481, 77.4103, 106.3319

Background



This preview shows how black text looks on a background with the XYZ color 61.0481, 77.4103, 106.3319.

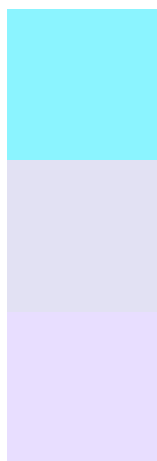


This preview shows how white text looks on a background with the XYZ color 61.0481, 77.4103,

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

61.0481, 77.4103, 106.3319

Protanopia

74.4669, 76.4902, 95.6333

Deuteranopia

77.4500, 76.6184, 105.3145



Tritanopia

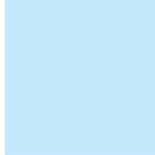
64.4336, 76.9523, 106.0650

Trichromacy



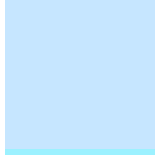
Original Color

61.0481, 77.4103, 106.3319



Protanomaly

67.8932, 75.8980, 99.0671



Deuteranomaly

69.6355, 75.8194, 105.5722



Tritanomaly

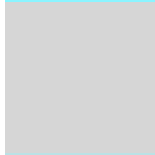
63.2156, 77.1985, 106.1767

Monochromacy



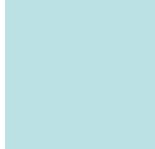
Original Color

61.0481, 77.4103, 106.3319



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 61.0481, 77.4103, 106.3319 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 244, 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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0481, 77.4103, 106.3319 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, 244, 255) }
```


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

```
.border{ border-color:rgb(139, 244, 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, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0481, 77.4103, 106.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 244, 255) }
```

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

```
.background{ background-color: rgb(139,  
244, 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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