

Converting Colors

XYZ(61.3364, 70.0843,
104.9026)

Have a look what the booklet for
XYZ(61.3364, 70.0843, 104.9026)
contains.

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Color

**XYZ(61.1827, 69.8282,
104.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E2FF
RGB	167, 226, 255
RGB Percent	65%, 89%, 100%
CMY	0.3451, 0.1137, 0.0000
CMYK	0.35, 0.11, 0.00, 0.00
HSL	200°, 100%, 83%
HSV	200°, 35%, 100%
XYZ	61.1827, 69.8282, 104.8613
YIQ	211.6650, -44.4730, -3.4890

Conversions

Conversions Part 2

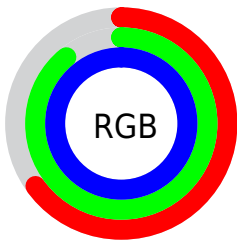
Format	Color
RYB	167, 202, 255
Decimal	11002623
CIELab	86.91, -11.87, -20.07
CIELCh	87, 23.319, 239.399
Yxy	69.8282, 0.2594, 0.2960
Android (android.graphics.Color)	4289192703 (0xFFA7E2FF)
YUV	211.6650, 21.3642, -39.1712
Hunter-Lab	83.5633, -15.5430, -15.9071

Details

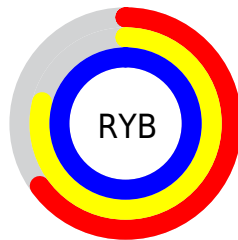
The XYZ color **61.1827, 69.8282, 104.8613** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.9553, 63.5299, 45.2419**, and the grayscale version is **62.2425, 65.4840, 71.3121**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **31.4380, 36.6478, 58.8428** is the 20% darker color. If you saturate the color by 10%, you get **54.0886, 62.8634, 103.8908**, and if you desaturate by 10%, it is **69.4548, 77.5698, 105.9196**.

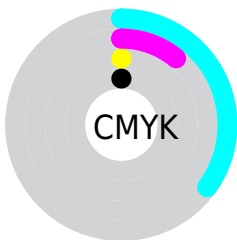
Distribution



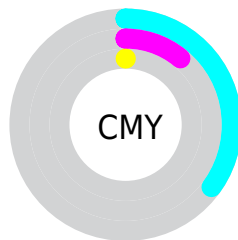
- Red (65%)
- Green (89%)
- Blue (100%)



- Red (65%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1827, 69.8282, 104.8613 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 61.1827, 69.8282, 104.8613 by changing the saturation by 10% instead.

61.1827, 69.8282,
104.8613

61.1827, 69.8282,
104.8613

418.7088,
459.9466, 597.0478

44.6257, 51.3865,
79.7272

105.6400,
118.9637, 169.9318

31.3628, 36.5163,
58.9690

134.2711,
150.4263, 210.7051

21.0284, 24.8332,
42.1683

167.6576,
186.9980, 257.5287

13.2573, 15.9528,
28.9066

206.1649,
229.0632, 310.8210

7.6842, 9.4908,
18.7652

250.1583,
277.0062, 371.0005

3.9437, 5.0627,
11.3256

300.0032,

1.6703, 2.2841,

331.2115, 438.4857

6.1694

356.0649,
392.0635, 513.6953

■ 0.4376, 0.7653,
2.8779

■ 0.0000, 0.0000,
1.0326

■ 61.1827, 69.8282,
104.8613

■ 61.1827, 69.8282,
104.8613

■ 54.0886, 62.8634,
103.8908

■ 69.4548, 77.5698,
105.9196

■ 48.1023, 56.6319,
103.0035

■ 78.9581, 86.1131,
107.0677

■ 43.1548, 51.0974,
102.1960

■ 89.7497, 95.4913,
108.3091

■ 39.1664, 46.2164,
101.4641

95.0500, 100.0000,
108.9000

■ 36.0446, 41.9385,
100.8029

■ 33.6759, 38.2030,
100.2067

■ 32.6080, 36.3360,
99.9027

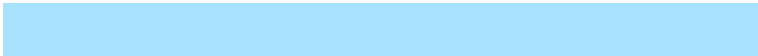
Harmonies

Analogous

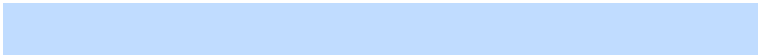
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.6619, 69.8282, 91.7158



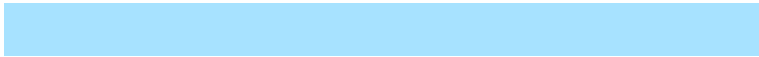
61.1827, 69.8282, 104.8613



66.2599, 69.8282, 110.1173

Triad

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



61.1827, 69.8282, 104.8613



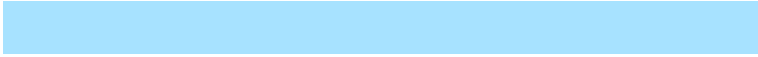
77.3957, 69.8282, 76.3459



61.3630, 69.8282, 52.7911

Complementary

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



61.1827, 69.8282, 104.8613



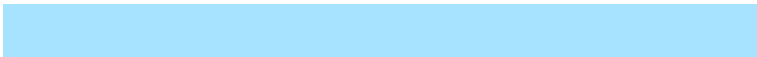
67.9553, 63.5299, 45.2419

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.



66.4795, 69.8282, 49.8229



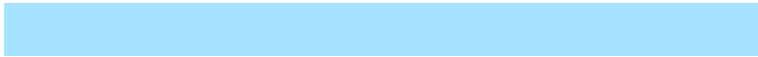
61.1827, 69.8282, 104.8613



75.9126, 69.8282, 62.2449

Square

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



61.1827, 69.8282, 104.8613



75.7926, 69.8282, 92.3343



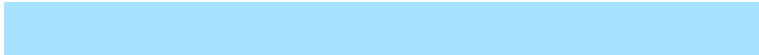
71.8417, 69.8282, 53.0381



57.7619, 69.8282, 61.7695

Rectangle

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



61.1827, 69.8282, 104.8613



69.9072, 69.8282, 107.9553



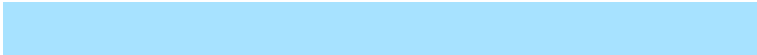
71.8417, 69.8282, 53.0381



62.9535, 69.8282, 51.1166

Sweetspot

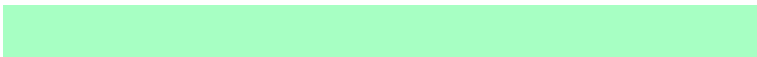
The Sweet Spot groups the original color and five complimentary colors.



61.1846, 69.8308, 104.8617



83.6607, 90.2359, 107.6156



61.5327, 83.6701, 64.4591



17.5870, 19.0352, 22.9972



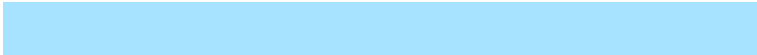
0.0000, 0.0000, 0.0000



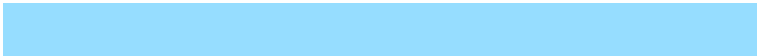
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1846, 69.8308, 104.8617



56.4483, 65.2221, 104.2217



50.9488, 49.3592, 101.4497



18.0209, 19.4134, 23.0473



17.1808, 19.2712, 52.2488



1.7729, 2.0765, 5.1206

Inverse Universe

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



68.7874, 54.3900, 78.8273



65.2095, 48.4131, 74.0000



79.0431, 85.7055, 48.9379



18.5232, 18.1926, 21.3723



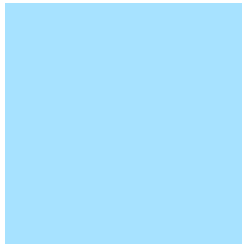
25.4603, 12.6734, 21.6060



2.5295, 1.2542, 2.3697

Previews

White Background



This preview shows how the XYZ color 61.1827, 69.8282, 104.8613 looks on a white background.

Color Contrast Check

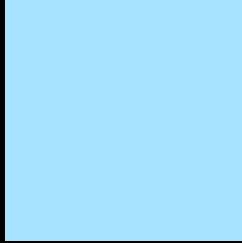
Large Text (above 18pt) WCAG AA × Fail

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 61.1827, 69.8282, 104.8613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

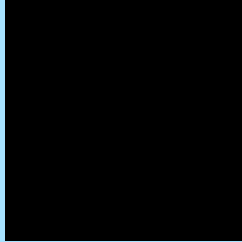
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1827, 69.8282, 104.8613

Background



This preview shows how black text looks on a background with the XYZ color 61.1827, 69.8282, 104.8613.

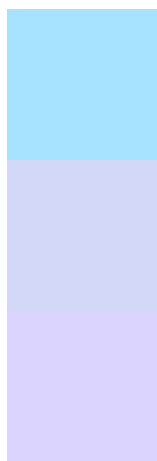


This preview shows how white text looks on a background with the XYZ color 61.1827, 69.8282,

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

61.1827, 69.8282, 104.8613

Protanopia

68.1077, 69.2271, 98.5794

Deuteranopia

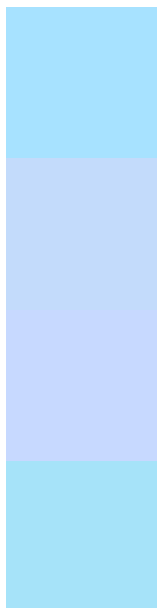
70.5069, 69.2124, 104.2510



Tritanopia

59.8950, 70.1400, 97.5703

Trichromacy



Original Color

61.1827, 69.8282, 104.8613

Protanomaly

65.2498, 69.2302, 101.1905

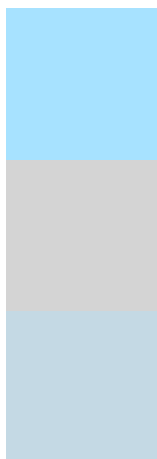
Deuteranomaly

66.4160, 68.9878, 104.4232

Tritanomaly

60.2939, 69.8847, 99.9338

Monochromacy



Original Color

61.1827, 69.8282, 104.8613

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.5814, 66.9629, 83.0782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1827, 69.8282, 104.8613 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(167, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 226, 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(167, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1827, 69.8282, 104.8613 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(167, 226, 255) }
```


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

```
.border{ border-color:rgb(167, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1827, 69.8282, 104.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 226, 255) }
```

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

```
.background{ background-color: rgb(167,  
226, 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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