

Converting Colors

XYZ(61.1069, 69.2419,
104.7680)

Have a look what the booklet for
XYZ(61.1069, 69.2419, 104.7680)
contains.

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Color

**XYZ(61.1237, 69.3953,
104.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E1FF
RGB	168, 225, 255
RGB Percent	66%, 88%, 100%
CMY	0.3412, 0.1176, 0.0000
CMYK	0.34, 0.12, 0.00, 0.00
HSL	201°, 100%, 83%
HSV	201°, 34%, 100%
XYZ	61.1237, 69.3953, 104.7808
YIQ	211.3770, -43.6020, -2.7540

Conversions

Conversions Part 2

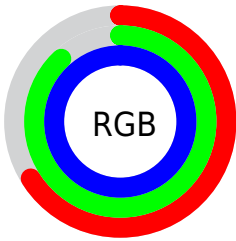
Format	Color
R _Y B	168, 202, 255
Decimal	11067903
CIE Lab	86.70, -11.09, -20.39
CIE LCh	87, 23.210, 241.454
Yxy	69.3953, 0.2598, 0.2949
Android (android.graphics.Color)	4289257983 (0xFFA8E1FF)
YUV	211.3770, 21.5061, -38.0416
Hunter-Lab	83.3038, -14.8084, -16.2631

Details

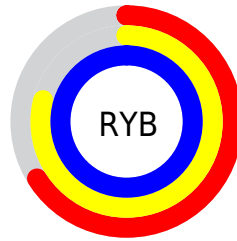
The XYZ color **61.1237, 69.3953, 104.7808** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.5023, 64.4754, 45.8823**, and the grayscale version is **62.0507, 65.2821, 71.0922**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **31.3778, 36.3374, 58.7861** is the 20% darker color. If you saturate the color by 10%, you get **53.9022, 62.2358, 103.7795**, and if you desaturate by 10%, it is **69.5359, 77.3536, 105.8735**.

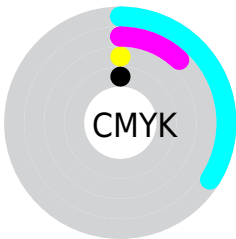
Distribution



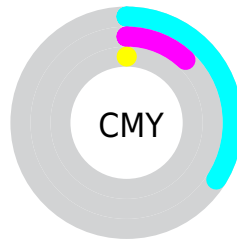
- Red (66%)
- Green (88%)
- Blue (100%)



- Red (66%)
- Yellow (79%)
- Blue (100%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1237, 69.3953, 104.7808 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 61.1237, 69.3953, 104.7808 by changing the saturation by 10% instead.

61.1237, 69.3953,
104.7808

61.1237, 69.3953,
104.7808

418.4961,
458.4239, 596.7911

44.5779, 51.0337,
79.6601

105.5551,
118.3460, 169.8207

31.3250, 36.2354,
58.9142

134.1715,
149.7039, 210.5770

20.9995, 24.6161,
42.1245

167.5421,
186.1627, 257.3822

13.2361, 15.7913,
28.8725

206.0323,
228.1068, 310.6548

7.6694, 9.3766,
18.7396

250.0074,
275.9206, 370.8135

3.9342, 4.9876,
11.3074

299.8329,

1.6650, 2.2400,

329.9884, 438.2768

6.1572

355.8740,
390.6947, 513.4631

■ 0.4342, 0.7417,
2.8706

■ 0.0000, 0.0000,
1.0289

■ 61.1237, 69.3953,
104.7808

■ 61.1237, 69.3953,
104.7808

■ 53.9022, 62.2358,
103.7795

■ 69.5359, 77.3536,
105.8735

■ 47.8013, 55.8314,
102.8649

■ 79.1923, 86.1360,
107.0598

■ 42.7520, 50.1454,
102.0335

■ 90.1497, 95.7760,
108.3430

■ 38.6748, 45.1339,
101.2811

95.0500, 100.0000,
108.9000

■ 35.4773, 40.7464,
100.6027

■ 33.0473, 36.9220,
99.9926

■ 31.8828, 34.8857,
99.6609

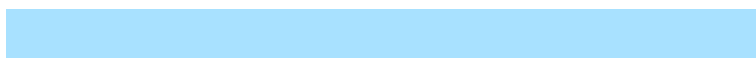
Harmonies

Analogous

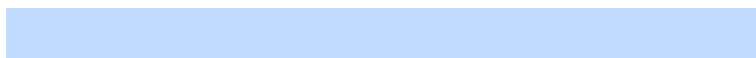
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4979, 69.3953, 92.1489



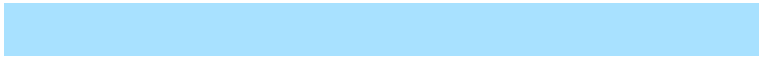
61.1237, 69.3953, 104.7808



66.2218, 69.3953, 109.3246

Triad

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



61.1237, 69.3953, 104.7808



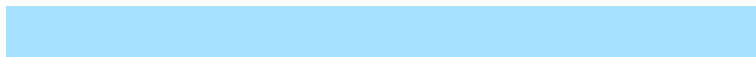
76.8826, 69.3953, 74.8080



60.6912, 69.3953, 52.9419

Complementary

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



61.1237, 69.3953, 104.7808



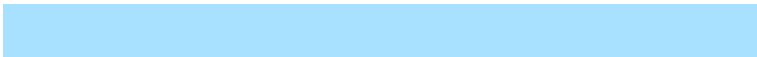
68.5023, 64.4754, 45.8823

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.



65.6952, 69.3953, 49.5790



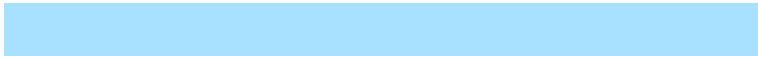
61.1237, 69.3953, 104.7808



75.2101, 69.3953, 61.0914

Square

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



61.1237, 69.3953, 104.7808



75.4979, 69.3953, 90.6658



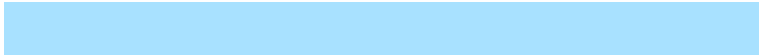
71.0410, 69.3953, 52.3491



57.2579, 69.3953, 62.2322

Rectangle

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



61.1237, 69.3953, 104.7808



69.8261, 69.3953, 106.7240



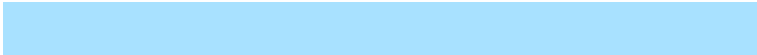
71.0410, 69.3953, 52.3491



62.2358, 69.3953, 51.1425

Sweetspot

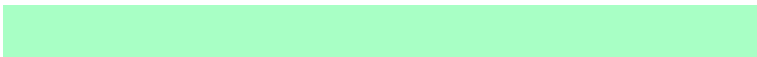
The Sweet Spot groups the original color and five complimentary colors.



61.1256, 69.3979, 104.7812



83.5419, 89.9984, 107.5760



61.9876, 83.8766, 65.7476



17.5582, 18.9776, 22.9876



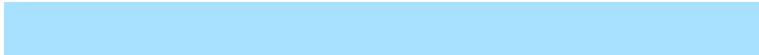
0.0000, 0.0000, 0.0000



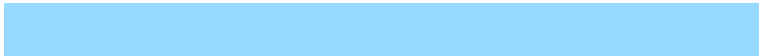
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1256, 69.3979, 104.7812



56.0295, 64.3846, 104.0821



51.0305, 49.2077, 101.4162



17.9967, 19.3650, 23.0392



16.8042, 18.5179, 52.1232



1.7381, 2.0069, 5.1090

Inverse Universe

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



68.8345, 54.7032, 78.1679



64.9981, 48.3285, 72.8870



79.6159, 86.7027, 49.5868



18.5110, 18.1877, 21.3079



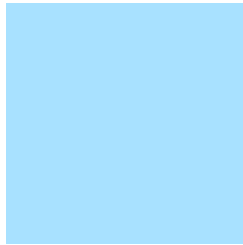
25.2702, 12.5974, 20.6049



2.5119, 1.2471, 2.2772

Previews

White Background



This preview shows how the XYZ color 61.1237, 69.3953, 104.7808 looks on a white background.

Color Contrast Check

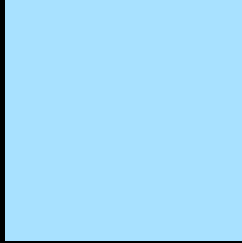
Large Text (above 18pt) WCAG AA × Fail

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 61.1237, 69.3953, 104.7808 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 61.1237, 69.3953, 104.7808

Background



This preview shows how black text looks on a background with the XYZ color 61.1237, 69.3953, 104.7808.

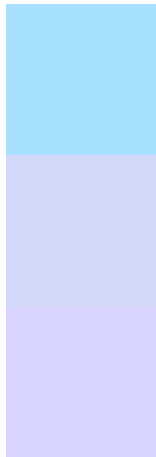


This preview shows how white text looks on a background with the XYZ color 61.1237, 69.3953,

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

61.1237, 69.3953, 104.7808

Protanopia

68.1077, 69.2271, 98.5794

Deuteranopia

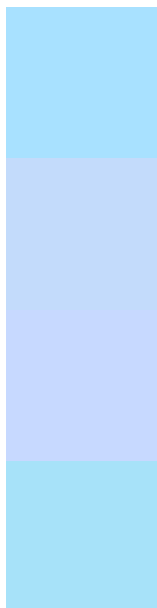
70.2088, 69.0587, 104.2370



Tritanopia

59.6764, 69.6377, 96.6823

Trichromacy



Original Color

61.1237, 69.3953, 104.7808

Protanomaly

65.2498, 69.2302, 101.1905

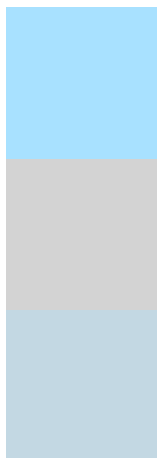
Deuteranomaly

66.4160, 68.9878, 104.4232

Tritanomaly

60.2316, 69.4478, 99.8527

Monochromacy



Original Color

61.1237, 69.3953, 104.7808

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9267, 66.2599, 82.2513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1237, 69.3953, 104.7808 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(168, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 225, 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(168, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1237, 69.3953, 104.7808 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(168, 225, 255) }
```


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

```
.border{ border-color:rgb(168, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1237, 69.3953, 104.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 225, 255) }
```

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

```
.background{ background-color: rgb(168,  
225, 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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