

Converting Colors

XYZ(60.5318, 70.4694,
105.0193)

Have a look what the booklet for
XYZ(60.5318, 70.4694, 105.0193)
contains.

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Color

**XYZ(60.4913, 70.2839,
104.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E4FF
RGB	161, 228, 255
RGB Percent	63%, 89%, 100%
CMY	0.3686, 0.1059, 0.0000
CMYK	0.37, 0.11, 0.00, 0.00
HSL	197°, 100%, 82%
HSV	197°, 37%, 100%
XYZ	60.4913, 70.2839, 104.9857
YIQ	211.0450, -48.5990, -5.8070

Conversions

Conversions Part 2

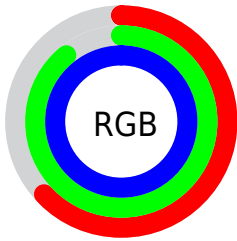
Format	Color
RYB	161, 200, 255
Decimal	10609919
CIELab	87.14, -14.47, -19.76
CIELCh	87, 24.493, 233.799
Yxy	70.2839, 0.2566, 0.2981
Android (android.graphics.Color)	4288799999 (0xFFA1E4FF)
YUV	211.0450, 21.6698, -43.8895
Hunter-Lab	83.8355, -17.9159, -15.5630

Details

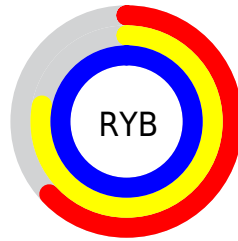
The XYZ color **60.4913, 70.2839, 104.9857** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.6565, 59.7996, 41.8019**, and the grayscale version is **61.8326, 65.0528, 70.8425**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **30.9623, 36.9676, 58.9297** is the 20% darker color. If you saturate the color by 10%, you get **53.8951, 63.9571, 104.1121**, and if you desaturate by 10%, it is **68.2246, 77.3268, 105.9375**.

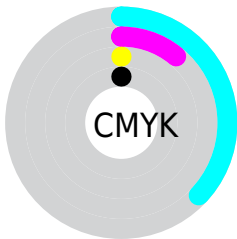
Distribution



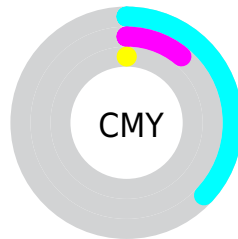
- Red (63%)
- Green (89%)
- Blue (100%)



- Red (63%)
- Yellow (78%)
- Blue (100%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4913, 70.2839, 104.9857 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 60.4913, 70.2839, 104.9857 by changing the saturation by 10% instead.

60.4913, 70.2839,
104.9857

60.4913, 70.2839,
104.9857

416.2121,
461.5462, 597.4444

44.0657, 51.7580,
79.8308

104.6443,
119.6135, 170.1034

30.9203, 36.8122,
59.0538

133.1025,
151.1861, 210.9032

20.6897, 25.0621,
42.2361

166.3022,
187.8763, 257.7551

13.0085, 16.1234,
28.9593

204.6089,
230.0685, 311.0776

7.5115, 9.6115,
18.8047

248.3879,
278.1473, 371.2893

3.8331, 5.1421,
11.3539

298.0045,

1.6082, 2.3309,

332.4969, 438.8086

6.1882

353.8241,
393.5017, 514.0541

■ 0.3977, 0.7900,
2.8892

■ 0.0000, 0.0000,
1.0384

■ 60.4913, 70.2839,
104.9857

■ 60.4913, 70.2839,
104.9857

■ 53.8951, 63.9571,
104.1121

■ 68.2246, 77.3268,
105.9375

■ 48.3650, 58.3035,
103.3123

■ 77.1488, 85.1103,
106.9695

■ 43.8307, 53.2868,
102.5830

■ 87.3213, 93.6671,
108.0850

■ 40.2105, 48.8633,
101.9200

95.0500, 100.0000,
108.9000

■ 37.4085, 44.9819,
101.3185

■ 35.3036, 41.5786,
100.7725

■ 34.7296, 40.5792,
100.6099

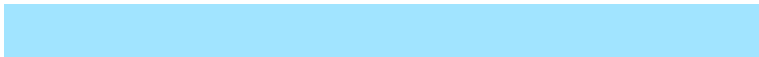
Harmonies

Analogous

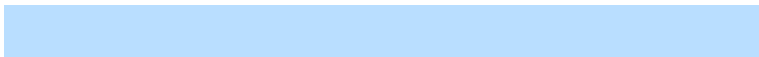
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.2009, 70.2839, 90.0098



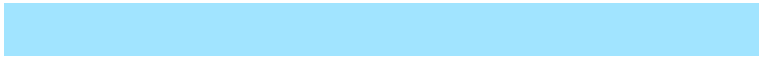
60.4913, 70.2839, 104.9857



65.6171, 70.2839, 112.4653

Triad

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



60.4913, 70.2839, 104.9857



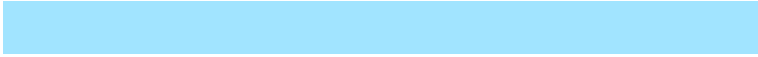
78.3918, 70.2839, 79.9941



62.4455, 70.2839, 51.0873

Complementary

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



60.4913, 70.2839, 104.9857



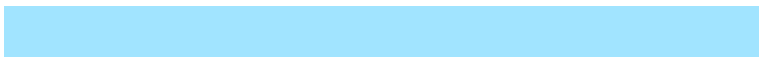
65.6565, 59.7996, 41.8019

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.



68.0026, 70.2839, 49.1985



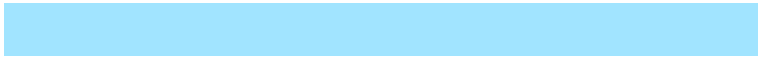
60.4913, 70.2839, 104.9857



77.4232, 70.2839, 64.4630

Square

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



60.4913, 70.2839, 104.9857



76.1146, 70.2839, 96.7644



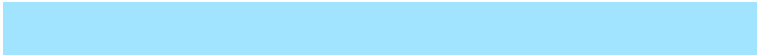
73.5386, 70.2839, 53.7411



58.2831, 70.2839, 59.3287

Rectangle

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



60.4913, 70.2839, 104.9857



69.4710, 70.2839, 111.5274



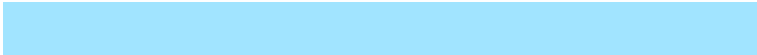
73.5386, 70.2839, 53.7411



64.2037, 70.2839, 49.7425

Sweetspot

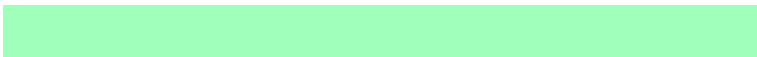
The Sweet Spot groups the original color and five complimentary colors.



60.4932, 70.2865, 104.9861



82.9564, 90.0301, 107.6130



59.4966, 82.7126, 60.2008



17.4603, 19.0214, 23.0012



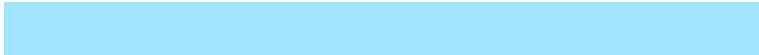
0.0000, 0.0000, 0.0000



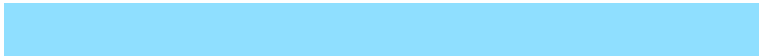
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4932, 70.2865, 104.9861



55.6710, 65.6976, 104.3545



49.3478, 47.9957, 101.2709



18.0882, 19.5481, 23.0698



18.2812, 21.4720, 52.6156



1.8736, 2.2779, 5.1542

Inverse Universe

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



67.9897, 52.3527, 79.9235



64.3216, 46.1606, 75.1736



77.2770, 83.0407, 45.6755



18.5572, 18.2062, 21.5512



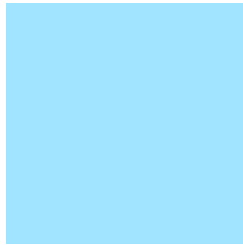
26.0157, 12.8956, 24.5309



2.5803, 1.2745, 2.6374

Previews

White Background



This preview shows how the XYZ color 60.4913, 70.2839, 104.9857 looks on a white background.

Color Contrast Check

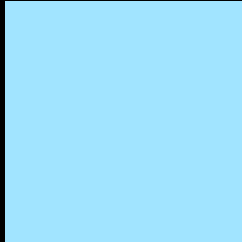
Large Text (above 18pt) WCAG AA × Fail

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 60.4913, 70.2839, 104.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

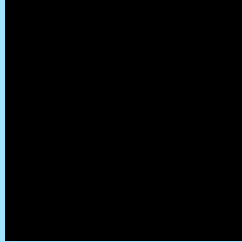
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4913, 70.2839, 104.9857

Background



This preview shows how black text looks on a background with the XYZ color 60.4913, 70.2839, 104.9857.

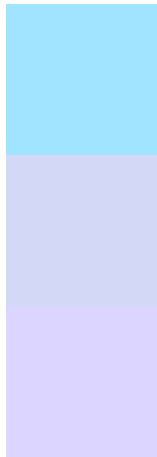


This preview shows how white text looks on a background with the XYZ color 60.4913, 70.2839,

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

60.4913, 70.2839, 104.9857

Protanopia

68.4957, 69.8242, 97.8630

Deuteranopia

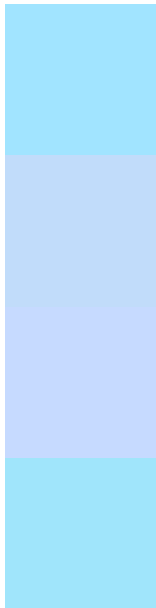
71.0577, 69.8686, 104.3486



Tritanopia

59.2607, 70.1869, 99.2310

Trichromacy



Original Color

60.4913, 70.2839, 104.9857

Protanomaly

64.8408, 69.4260, 100.4256

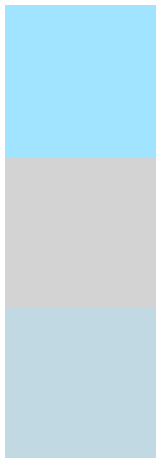
Deuteranomaly

66.4101, 69.3686, 104.4970

Tritanomaly

59.9291, 70.4772, 101.7117

Monochromacy



Original Color

60.4913, 70.2839, 104.9857

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.6703, 66.5092, 82.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4913, 70.2839, 104.9857 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(161, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 228, 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(161, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.4913, 70.2839, 104.9857 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(161, 228, 255) }
```


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

```
.border{ border-color:rgb(161, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4913, 70.2839, 104.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 228, 255) }
```

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

```
.background{ background-color: rgb(161,  
228, 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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