

Converting Colors

XYZ(66.5033, 65.2930,
152.9113)

Have a look what the booklet for
XYZ(66.5033, 65.2930, 152.9113)
contains.

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Color

**XYZ(57.2450, 61.6380,
103.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D2FF
RGB	168, 210, 255
RGB Percent	66%, 82%, 100%
CMY	0.3412, 0.1765, 0.0000
CMYK	0.34, 0.18, 0.00, 0.00
HSL	211°, 100%, 83%
HSV	211°, 34%, 100%
XYZ	57.2450, 61.6380, 103.4879
YIQ	202.5720, -39.4770, 5.0910

Conversions

Conversions Part 2

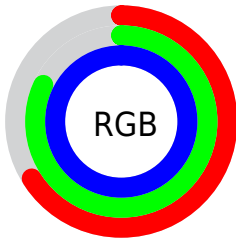
Format	Color
R _Y B	168, 196, 255
Decimal	11064063
CIE Lab	82.72, -3.27, -26.43
CIE LCh	83, 26.634, 262.949
Yxy	61.6380, 0.2574, 0.2772
Android (android.graphics.Color)	4289254143 (0xFFA8D2FF)
YUV	202.5720, 25.8470, -30.3196
Hunter-Lab	78.5099, -7.2401, -23.1963

Details

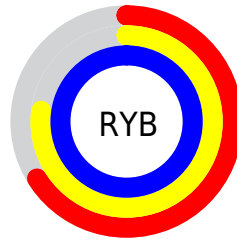
The XYZ color **57.2450, 61.6380, 103.4879** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.1024, 71.6757, 47.0822**, and the grayscale version is **56.3590, 59.2940, 64.5712**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **28.8916, 31.3649, 57.9574** is the 20% darker color. If you saturate the color by 10%, you get **49.2162, 52.8639, 102.2175**, and if you desaturate by 10%, it is **66.6102, 71.5023, 104.8983**.

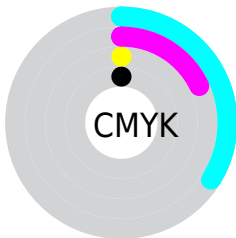
Distribution



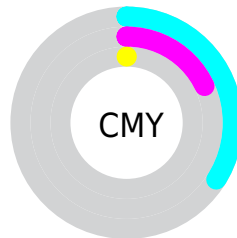
- Red (66%)
- Green (82%)
- Blue (100%)



- Red (66%)
- Yellow (77%)
- Blue (100%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2450, 61.6380, 103.4879 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 57.2450, 61.6380, 103.4879 by changing the saturation by 10% instead.

■ 57.2450, 61.6380,
103.4879

■ 57.2450, 61.6380,
103.4879

404.3661,
430.6094, 592.6602

■ 41.4429, 44.7403,
78.5836

■ 99.9519, 107.2022,
168.0357

■ 28.8545, 31.2529,
58.0342

127.5874,
136.6374, 208.5162

■ 19.1145, 20.7915,
41.4212

159.8980,
171.0206, 255.0259

■ 11.8575, 12.9717,
28.3262

197.2492,
210.7361, 307.9832

■ 6.7183, 7.4090,
18.3305

240.0062,
256.1683, 367.8068

■ 3.3313, 3.7192,
11.0157

288.5344,

■ 1.3313, 1.5178,

307.7017, 434.9151

5.9631

343.1993,
365.7206, 509.7267

■ 0.2064, 0.3012,
2.7542

■ 0.0000, 0.0000,
0.9705

■ 57.2450, 61.6380,
103.4879

■ 57.2450, 61.6380,
103.4879

■ 49.2162, 52.8639,
102.2175

■ 66.6102, 71.5023,
104.8983

■ 42.4494, 45.1278,
101.0810

■ 77.3701, 82.4918,
106.4524

■ 36.8709, 38.3833,
100.0731

■ 89.5857, 94.6483,
108.1550

■ 32.3959, 32.5762,
99.1881

95.0500, 100.0000,
108.9000

■ 28.9269, 27.6455,
98.4192

■ 26.3458, 23.5191,
97.7588

■ 25.1465, 21.4130,
97.4155

Harmonies

Analogous

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



52.2036, 61.6380, 95.5290



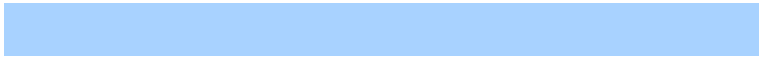
57.2450, 61.6380, 103.4879



62.9800, 61.6380, 100.5068

Triad

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



57.2450, 61.6380, 103.4879



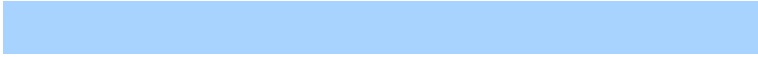
69.3104, 61.6380, 55.5632



50.2366, 61.6380, 49.8638

Complementary

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



57.2450, 61.6380, 103.4879



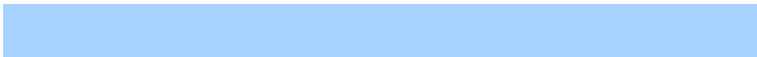
72.1024, 71.6757, 47.0822

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.



54.3995, 61.6380, 42.0808



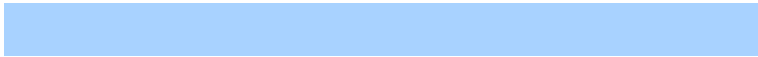
57.2450, 61.6380, 103.4879



65.4665, 61.6380, 44.9781

Square

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



57.2450, 61.6380, 103.4879



70.1950, 61.6380, 71.0556



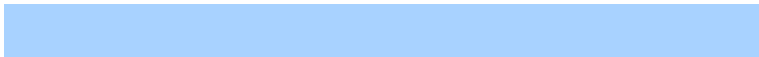
59.9459, 61.6380, 40.4502



48.3315, 61.6380, 63.3196

Rectangle

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



57.2450, 61.6380, 103.4879



66.4047, 61.6380, 92.9165



59.9459, 61.6380, 40.4502



51.4048, 61.6380, 46.5928

Sweetspot

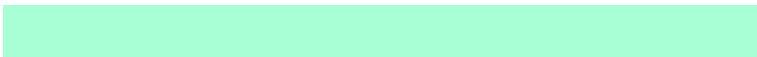
The Sweet Spot groups the original color and five complimentary colors.



57.2468, 61.6403, 103.4883



82.2188, 87.3521, 107.1350



63.9134, 84.6469, 75.8886



17.2379, 18.3370, 22.8808



0.0000, 0.0000, 0.0000



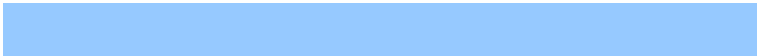
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2468, 61.6403, 103.4883



51.5798, 55.4850, 102.5989



48.5130, 43.7119, 100.4881



17.7267, 18.8251, 22.9493



13.2875, 11.4845, 50.9510



1.4025, 1.3357, 4.9972

Inverse Universe

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



66.8766, 53.9200, 67.8581



62.7521, 47.4301, 61.0595



83.5368, 95.3333, 51.0459



18.3747, 18.1332, 20.5904



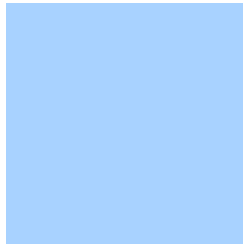
23.4951, 11.8873, 11.2576



2.3425, 1.1794, 1.3852

Previews

White Background



This preview shows how the XYZ color 57.2450, 61.6380, 103.4879 looks on a white background.

Color Contrast Check

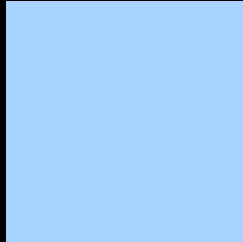
Large Text (above 18pt) WCAG AA × Fail

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 57.2450, 61.6380, 103.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

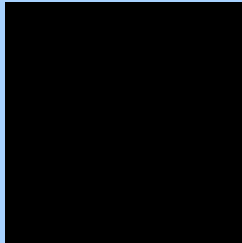
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

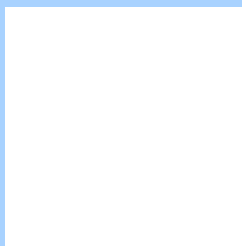
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2450, 61.6380, 103.4879

Background



This preview shows how black text looks on a background with the XYZ color 57.2450, 61.6380, 103.4879.



This preview shows how white text looks on a background with the XYZ color 57.2450, 61.6380,

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

57.2450, 61.6380, 103.4879

Protanopia

61.1169, 61.2161, 99.0372

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

53.3707, 61.5440, 84.6676

Trichromacy



Original Color

57.2450, 61.6380, 103.4879

Protanomaly

59.6496, 61.4852, 100.8194

Deuteranomaly

60.3819, 61.0971, 103.2182

Tritanomaly

54.8323, 61.7723, 91.4713

Monochromacy



Original Color

57.2450, 61.6380, 103.4879

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4913, 60.3637, 77.7812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2450, 61.6380, 103.4879 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 210, 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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.2450, 61.6380, 103.4879 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, 210, 255) }
```


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

```
.border{ border-color:rgb(168, 210, 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, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2450, 61.6380, 103.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 210, 255) }
```

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

```
.background{ background-color: rgb(168,  
210, 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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