

Converting Colors

XYZ(61.1308, 64.1825,
123.9016)

Have a look what the booklet for
XYZ(61.1308, 64.1825, 123.9016)
contains.

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Color

**XYZ(57.3613, 62.8078,
103.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D5FF
RGB	165, 213, 255
RGB Percent	65%, 84%, 100%
CMY	0.3529, 0.1647, 0.0000
CMYK	0.35, 0.16, 0.00, 0.00
HSL	208°, 100%, 82%
HSV	208°, 35%, 100%
XYZ	57.3613, 62.8078, 103.7076
YIQ	203.4360, -42.0900, 2.8860

Conversions

Conversions Part 2

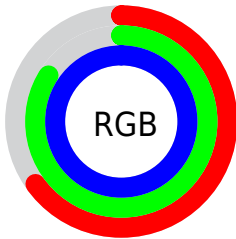
Format	Color
R _Y B	165, 196, 255
Decimal	10868223
CIE Lab	83.34, -5.66, -25.50
CIE LCh	83, 26.122, 257.489
Yxy	62.8078, 0.2562, 0.2805
Android (android.graphics.Color)	4289058303 (0xFFA5D5FF)
YUV	203.4360, 25.4211, -33.7084
Hunter-Lab	79.2514, -9.4935, -22.1104

Details

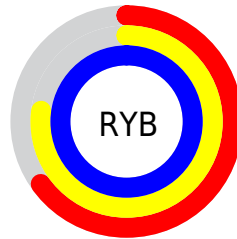
The XYZ color **57.3613, 62.8078, 103.7076** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.3448, 68.6026, 45.1333**, and the grayscale version is **56.9044, 59.8679, 65.1961**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **28.8503, 31.8459, 58.0524** is the 20% darker color. If you saturate the color by 10%, you get **49.6928, 54.5744, 102.5226**, and if you desaturate by 10%, it is **66.3104, 72.0303, 105.0160**.

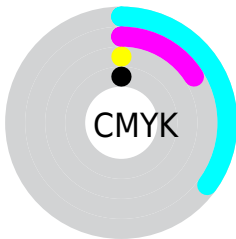
Distribution



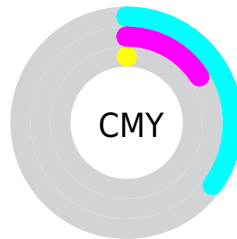
- Red (65%)
- Green (84%)
- Blue (100%)



- Red (65%)
- Yellow (77%)
- Blue (100%)



- Cyan (35%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3613, 62.8078, 103.7076 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 57.3613, 62.8078, 103.7076 by changing the saturation by 10% instead.

■ 57.3613, 62.8078,
103.7076

■ 57.3613, 62.8078,
103.7076

404.7941,
434.8716, 593.3632

■ 41.5367, 45.6857,
78.7664

■ 100.1205,
108.8922, 168.3392

■ 28.9282, 31.9979,
58.1836

■ 127.7858,
138.6233, 208.8666

■ 19.1705, 21.3599,
41.5406

160.1286,
173.3262, 255.4266

■ 11.8983, 13.3873,
28.4189

197.5144,
213.3853, 308.4377

■ 6.7462, 7.6958,
18.3999

240.3085,
259.1850, 368.3183

■ 3.3488, 3.9009,
11.0650

288.8762,

■ 1.3408, 1.6183,

311.1097, 435.4871

5.9959

343.5830,
369.5438, 510.3625

■ 0.2134, 0.3699,
2.7738

■ 0.0000, 0.0000,
0.9803

■ 57.3613, 62.8078,
103.7076

■ 57.3613, 62.8078,
103.7076

■ 49.6928, 54.5744,
102.5226

■ 66.3104, 72.0303,
105.0160

■ 43.2316, 47.2811,
101.4553

■ 76.5972, 82.2737,
106.4511

■ 37.9049, 40.8844,
100.5014

■ 88.2816, 93.5770,
108.0170

■ 33.6286, 35.3338,
99.6554

95.0500, 100.0000,
108.9000

■ 30.3055, 30.5713,
98.9113

■ 27.8163, 26.5274,
98.2620

■ 26.8549, 24.8298,
97.9850

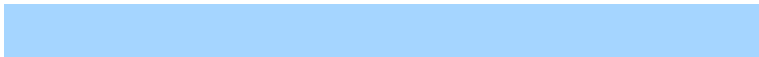
Harmonies

Analogous

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



52.6144, 62.8078, 94.1424



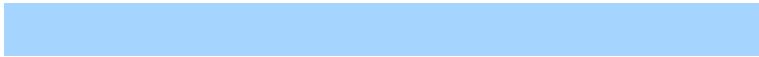
57.3613, 62.8078, 103.7076



63.0408, 62.8078, 102.7820

Triad

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



57.3613, 62.8078, 103.7076



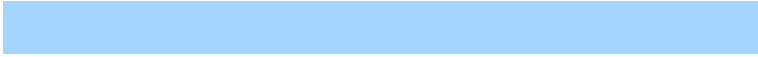
70.7354, 62.8078, 59.4082



52.0000, 62.8078, 49.3477

Complementary

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



57.3613, 62.8078, 103.7076



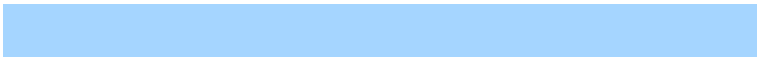
70.3448, 68.6026, 45.1333

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.



56.4734, 62.8078, 42.6743



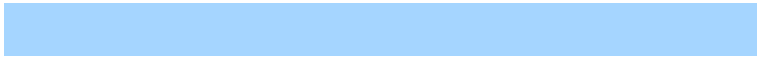
57.3613, 62.8078, 103.7076



67.3881, 62.8078, 47.8178

Square

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



57.3613, 62.8078, 103.7076



71.0108, 62.8078, 75.3917



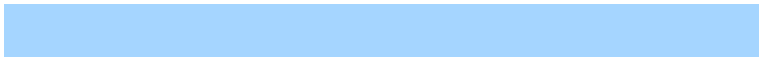
62.0951, 62.8078, 42.1627



49.6535, 62.8078, 61.8302

Rectangle

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



57.3613, 62.8078, 103.7076



66.5962, 62.8078, 96.3402



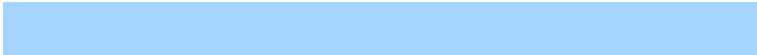
62.0951, 62.8078, 42.1627



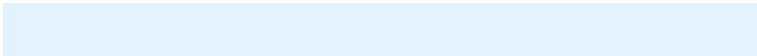
53.2914, 62.8078, 46.4428

Sweetspot

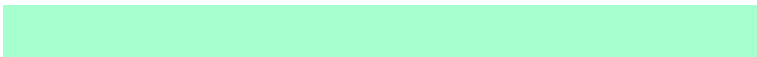
The Sweet Spot groups the original color and five complimentary colors.



57.3631, 62.8102, 103.7080



81.4383, 86.9938, 107.1070



62.3581, 83.9518, 70.9937



17.0978, 18.2966, 22.8804



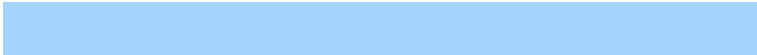
0.0000, 0.0000, 0.0000



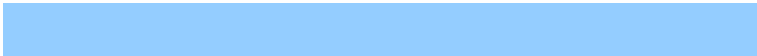
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3631, 62.8102, 103.7080



52.0813, 57.1798, 102.8996



47.8498, 43.7836, 100.5369



17.8053, 18.9822, 22.9754



14.1833, 13.2761, 51.2496



1.4904, 1.5115, 5.0265

Inverse Universe

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



66.7066, 52.9760, 69.6629



62.8364, 46.8173, 63.4965



82.3732, 92.6593, 49.1428



18.4144, 18.1491, 20.7992



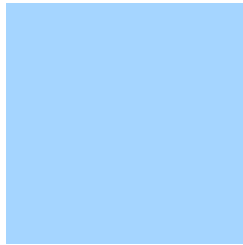
23.9473, 12.0682, 13.6386



2.3869, 1.1971, 1.6187

Previews

White Background



This preview shows how the XYZ color 57.3613, 62.8078, 103.7076 looks on a white background.

Color Contrast Check

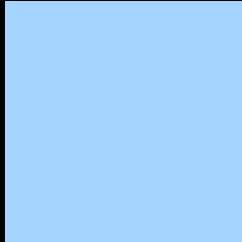
Large Text (above 18pt) WCAG AA × Fail

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 57.3613, 62.8078, 103.7076 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

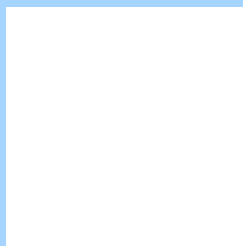
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3613, 62.8078, 103.7076

Background



This preview shows how black text looks on a background with the XYZ color 57.3613, 62.8078, 103.7076.



This preview shows how white text looks on a background with the XYZ color 57.3613, 62.8078,

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

57.3613, 62.8078, 103.7076

Protanopia

62.1126, 62.4351, 99.2200

Deuteranopia

63.7631, 62.4884, 103.3085



Tritanopia

54.1613, 63.0398, 87.1552

Trichromacy



Original Color

57.3613, 62.8078, 103.7076

Protanomaly

60.1341, 62.4543, 100.9809

Deuteranomaly

61.3491, 62.6645, 103.4697

Tritanomaly

55.4832, 63.2039, 93.2797

Monochromacy



Original Color

57.3613, 62.8078, 103.7076

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4839, 60.7184, 77.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3613, 62.8078, 103.7076 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(165, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 213, 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(165, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3613, 62.8078, 103.7076 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(165, 213, 255) }
```


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

```
.border{ border-color:rgb(165, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3613, 62.8078, 103.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 213, 255) }
```

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

```
.background{ background-color: rgb(165,  
213, 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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