

Converting Colors

XYZ(70.6211, 67.1685,
172.8191)

Have a look what the booklet for
XYZ(70.6211, 67.1685, 172.8191)
contains.

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Color

**XYZ(57.4588, 61.7482,
103.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D2FF
RGB	169, 210, 255
RGB Percent	66%, 82%, 100%
CMY	0.3372, 0.1765, 0.0000
CMYK	0.34, 0.18, 0.00, 0.00
HSL	211°, 100%, 83%
HSV	211°, 34%, 100%
XYZ	57.4588, 61.7482, 103.4979
YIQ	202.8710, -38.8810, 5.3030

Conversions

Conversions Part 2

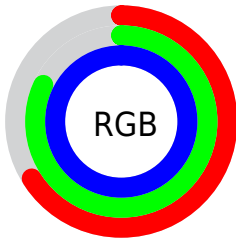
Format	Color
R_{YB}	169, 197, 255
Decimal	11129599
CIE _{Lab}	82.78, -3.00, -26.34
CIE _{LCh}	83, 26.508, 263.506
Yxy	61.7482, 0.2580, 0.2773
Android (android.graphics.Color)	4289319679 (0xFFA9D2FF)
YUV	202.8710, 25.6996, -29.7049
Hunter-Lab	78.5800, -6.9934, -23.0850

Details

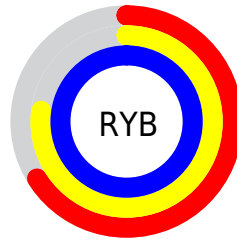
The XYZ color **57.4588, 61.7482, 103.4979** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.4484, 72.2179, 47.6591**, and the grayscale version is **56.5467, 59.4916, 64.7863**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **29.0209, 31.4316, 57.9634** is the 20% darker color. If you saturate the color by 10%, you get **49.3546, 52.8836, 102.2140**, and if you desaturate by 10%, it is **66.9080, 71.7167, 104.9240**.

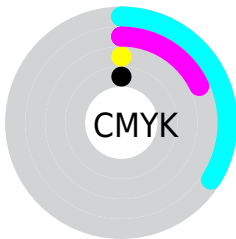
Distribution



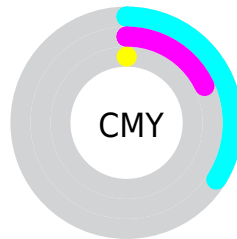
- Red (66%)
- Green (82%)
- Blue (100%)



- 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 57.4588, 61.7482, 103.4979 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 57.4588, 61.7482, 103.4979 by changing the saturation by 10% instead.

■ 57.4588, 61.7482,
103.4979

■ 57.4588, 61.7482,
103.4979

405.1527,
431.0120, 592.6922

■ 41.6153, 44.8293,
78.5919

■ 100.2618,
107.3615, 168.0495

■ 28.9900, 31.3230,
58.0410

127.9521,
136.8247, 208.5322

■ 19.2175, 20.8449,
41.4267

160.3219,
171.2381, 255.0441

■ 11.9325, 13.0107,
28.3304

197.7367,
210.9861, 308.0039

■ 6.7696, 7.4359,
18.3337

240.5618,
256.4531, 367.8301

■ 3.3635, 3.7362,
11.0179

289.1626,

■ 1.3488, 1.5271,

308.0235, 434.9411

5.9646

343.9045,
366.0817, 509.7557

■ 0.2193, 0.3077,
2.7551

■ 0.0000, 0.0000,
0.9710

■ 57.4588, 61.7482,
103.4979

■ 57.4588, 61.7482,
103.4979

■ 49.3546, 52.8836,
102.2140

■ 66.9080, 71.7167,
104.9240

■ 42.5211, 45.0705,
101.0661

■ 77.7606, 82.8246,
106.4961

■ 36.8844, 38.2619,
100.0490

■ 90.0776, 95.1140,
108.2190

■ 32.3601, 32.4036,
99.1567

95.0500, 100.0000,
108.9000

■ 28.8509, 27.4343,
98.3825

■ 26.2396, 23.2818,
97.7186

■ 24.9574, 21.0349,
97.3525

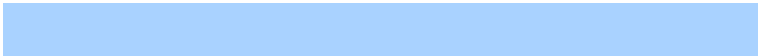
Harmonies

Analogous

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



52.4089, 61.7482, 95.7609



57.4588, 61.7482, 103.4979



63.1714, 61.7482, 100.3262

Triad

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



57.4588, 61.7482, 103.4979



69.3267, 61.7482, 55.4732



50.3111, 61.7482, 50.2374

Complementary

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



57.4588, 61.7482, 103.4979



72.4484, 72.2179, 47.6591

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.



54.4254, 61.7482, 42.3583



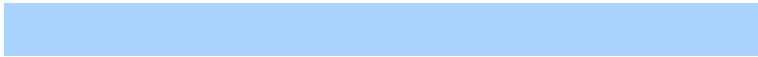
57.4588, 61.7482, 103.4979



65.4535, 61.7482, 45.0215

Square

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



57.4588, 61.7482, 103.4979



70.2688, 61.7482, 70.8466



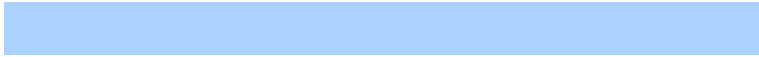
59.9383, 61.7482, 40.6162



48.4582, 61.7482, 63.7450

Rectangle

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



57.4588, 61.7482, 103.4979



66.5643, 61.7482, 92.6702



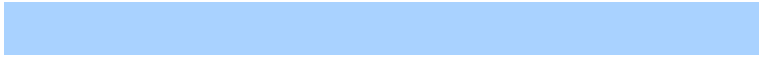
59.9383, 61.7482, 40.6162



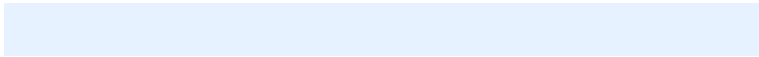
51.4622, 61.7482, 46.9373

Sweetspot

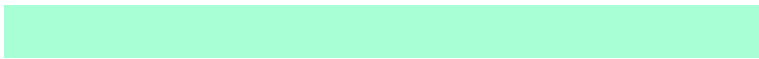
The Sweet Spot groups the original color and five complimentary colors.



57.4606, 61.7505, 103.4983



82.1732, 87.2609, 107.1198



64.1886, 84.7817, 76.2222



17.2268, 18.3149, 22.8771



0.0000, 0.0000, 0.0000



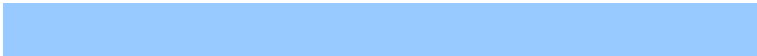
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4606, 61.7505, 103.4983



52.2207, 56.0599, 102.6761



48.9110, 44.1923, 100.5598



17.7174, 18.8064, 22.9461



13.1881, 11.2858, 50.9179



1.3926, 1.3159, 4.9939

Inverse Universe

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



67.0620, 54.2908, 67.9199



63.2481, 48.2892, 61.6349



83.6365, 95.3739, 51.5390



18.3700, 18.1313, 20.5656



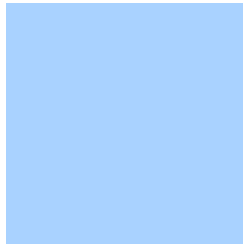
23.4449, 11.8673, 10.9935



2.3375, 1.1774, 1.3589

Previews

White Background



This preview shows how the XYZ color 57.4588, 61.7482, 103.4979 looks on a white background.

Color Contrast Check

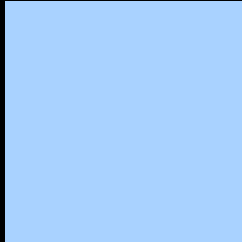
Large Text (above 18pt) WCAG AA × Fail

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 57.4588, 61.7482, 103.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

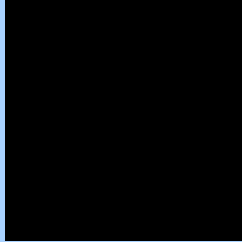
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

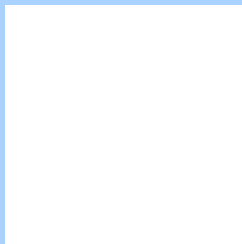
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4588, 61.7482, 103.4979

Background



This preview shows how black text looks on a background with the XYZ color 57.4588, 61.7482, 103.4979.



This preview shows how white text looks on a background with the XYZ color 57.4588, 61.7482,

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

57.4588, 61.7482, 103.4979

Protanopia

61.5111, 61.7529, 99.9443

Deuteranopia

62.7237, 61.6032, 103.1924



Tritanopia

53.5746, 61.6492, 84.6771

Trichromacy



Original Color

57.4588, 61.7482, 103.4979

Protanomaly

59.8917, 61.6100, 100.8307

Deuteranomaly

60.6204, 61.5740, 103.2977

Tritanomaly

55.0395, 61.8791, 91.4810

Monochromacy



Original Color

57.4588, 61.7482, 103.4979

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7420, 60.4929, 77.7929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4588, 61.7482, 103.4979 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(169, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.4588, 61.7482, 103.4979 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(169, 210, 255) }
```


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

```
.border{ border-color:rgb(169, 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(169, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4588, 61.7482, 103.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 255) }
```

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

```
.background{ background-color: rgb(169,  
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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