

Converting Colors

XYZ(57.6590, 62.0927,
103.5539)

Have a look what the booklet for
XYZ(57.6590, 62.0927, 103.5539)
contains.

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Color

**XYZ(57.7065, 62.2435,
103.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D3FF
RGB	169, 211, 255
RGB Percent	66%, 83%, 100%
CMY	0.3372, 0.1725, 0.0000
CMYK	0.34, 0.17, 0.00, 0.00
HSL	211°, 100%, 83%
HSV	211°, 34%, 100%
XYZ	57.7065, 62.2435, 103.5805
YIQ	203.4580, -39.1560, 4.7800

Conversions

Conversions Part 2

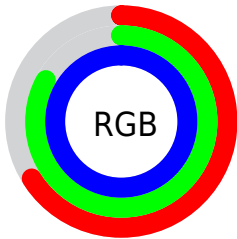
Format	Color
R _Y B	169, 197, 255
Decimal	11129855
CIE Lab	83.04, -3.53, -25.94
CIE LCh	83, 26.175, 262.257
Yxy	62.2435, 0.2582, 0.2785
Android (android.graphics.Color)	4289319935 (0xFFA9D3FF)
YUV	203.4580, 25.4102, -30.2197
Hunter-Lab	78.8945, -7.5037, -22.6155

Details

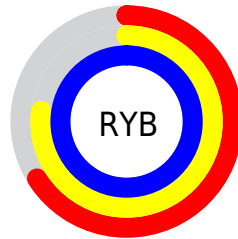
The XYZ color **57.7065, 62.2435, 103.5805** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.1962, 71.7135, 47.5752**, and the grayscale version is **56.9170, 59.8811, 65.2105**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **29.1894, 31.7686, 58.0196** is the 20% darker color. If you saturate the color by 10%, you get **49.6496, 53.4735, 102.3124**, and if you desaturate by 10%, it is **67.0968, 72.0942, 104.9869**.

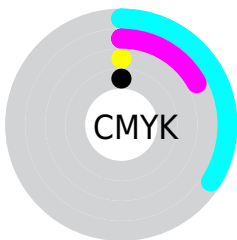
Distribution



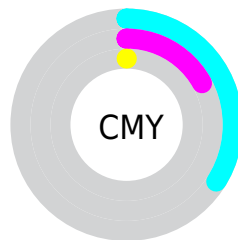
- Red (66%)
- Green (83%)
- Blue (100%)



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



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7065, 62.2435, 103.5805 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 57.7065, 62.2435, 103.5805 by changing the saturation by 10% instead.

■ 57.7065, 62.2435,
103.5805

■ 57.7065, 62.2435,
103.5805

406.0629,
432.8187, 592.9565

■ 41.8151, 45.2295,
78.6606

■ 100.6208,
108.0774, 168.1636

■ 29.1470, 31.6382,
58.0972

128.3743,
137.6660, 208.6639

■ 19.3369, 21.0853,
41.4715

160.8126,
172.2150, 255.1948

■ 12.0194, 13.1864,
28.3652

198.3010,
212.1087, 308.1748

■ 6.8292, 7.5570,
18.3597

241.2049,
257.7316, 368.0224

■ 3.4009, 3.8128,
11.0365

289.8896,

■ 1.3691, 1.5694,

309.4679, 435.1562

5.9769

344.7205,
367.7022, 509.9947

■ 0.2341, 0.3369,
2.7625

■ 0.0000, 0.0000,
0.9747

■ 57.7065, 62.2435,
103.5805

■ 57.7065, 62.2435,
103.5805

■ 49.6496, 53.4735,
102.3124

■ 67.0968, 72.0942,
104.9869

■ 42.8523, 45.7328,
101.1765

■ 77.8784, 83.0602,
106.5353

■ 37.2411, 38.9752,
100.1679

■ 90.1121, 95.1827,
108.2304

■ 32.7321, 33.1476,
99.2807

95.0500, 100.0000,
108.9000

■ 29.2287, 28.1898,
98.5084

■ 26.6140, 24.0307,
97.8434

■ 25.3254, 21.7709,
97.4751

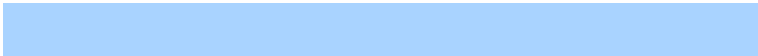
Harmonies

Analogous

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



52.7465, 62.2435, 95.5239



57.7065, 62.2435, 103.5805



63.3786, 62.2435, 100.9003

Triad

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



57.7065, 62.2435, 103.5805



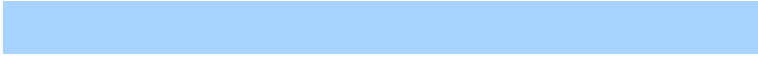
69.8139, 62.2435, 56.6409



50.9662, 62.2435, 50.4299

Complementary

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



57.7065, 62.2435, 103.5805



72.1962, 71.7135, 47.5752

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.



55.1340, 62.2435, 42.8281



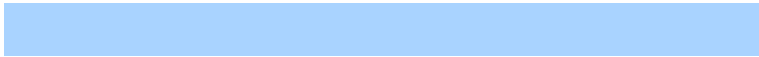
57.7065, 62.2435, 103.5805



66.0747, 62.2435, 45.9953

Square

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



57.7065, 62.2435, 103.5805



70.6114, 62.2435, 72.0589



60.6389, 62.2435, 41.3450



49.0199, 62.2435, 63.6597

Rectangle

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



57.7065, 62.2435, 103.5805



66.7839, 62.2435, 93.5544



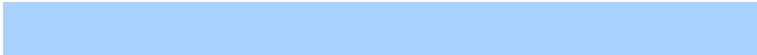
60.6389, 62.2435, 41.3450



52.1407, 62.2435, 47.2244

Sweetspot

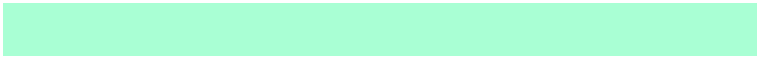
The Sweet Spot groups the original color and five complimentary colors.



57.7083, 62.2458, 103.5808



82.2613, 87.4372, 107.1492



64.0070, 84.7091, 75.2657



17.2481, 18.3575, 22.8842



0.0000, 0.0000, 0.0000



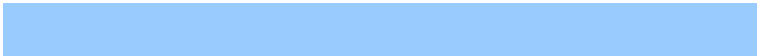
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7083, 62.2458, 103.5808



52.4993, 56.6172, 102.7689



48.6019, 44.0330, 100.5454



17.7354, 18.8424, 22.9521



13.3815, 11.6725, 50.9823



1.4118, 1.3544, 5.0003

Inverse Universe

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



67.1871, 54.3409, 68.5781



63.3888, 48.3455, 62.3755



84.1618, 95.6447, 51.5637



18.3791, 18.1350, 20.6135



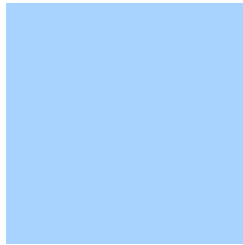
23.5425, 11.9063, 11.5074



2.3472, 1.1813, 1.4100

Previews

White Background



This preview shows how the XYZ color 57.7065, 62.2435, 103.5805 looks on a white background.

Color Contrast Check

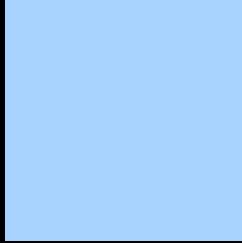
Large Text (above 18pt) WCAG AA × Fail

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 57.7065, 62.2435, 103.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

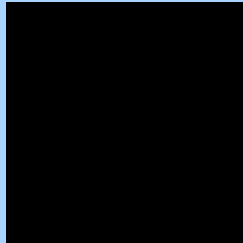
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

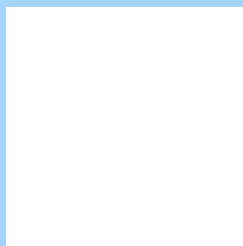
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7065, 62.2435, 103.5805

Background



This preview shows how black text looks on a background with the XYZ color 57.7065, 62.2435, 103.5805.



This preview shows how white text looks on a background with the XYZ color 57.7065, 62.2435,

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

57.7065, 62.2435, 103.5805

Protanopia

61.6131, 61.8236, 99.1283

Deuteranopia

63.2579, 61.8786, 103.2174



Tritanopia

54.1758, 62.3196, 85.5174

Trichromacy



Original Color

57.7065, 62.2435, 103.5805

Protanomaly

60.1332, 62.0930, 100.9113

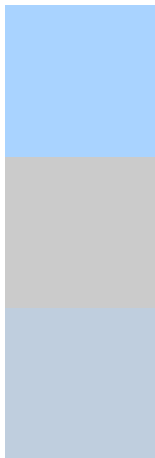
Deuteranomaly

60.8676, 61.7015, 103.3092

Tritanomaly

55.5006, 62.4914, 91.5749

Monochromacy



Original Color

57.7065, 62.2435, 103.5805

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 57.7065, 62.2435, 103.5805 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.7065, 62.2435, 103.5805 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, 211, 255) }
```


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

```
.border{ border-color:rgb(169, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7065, 62.2435, 103.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 211, 255) }
```

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

```
.background{ background-color: rgb(169,  
211, 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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