

Converting Colors

XYZ(70.2413, 67.2112,
169.0143)

Have a look what the booklet for
XYZ(70.2413, 67.2112, 169.0143)
contains.

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Color

**XYZ(57.9218, 62.3546,
103.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD3FF
RGB	170, 211, 255
RGB Percent	67%, 83%, 100%
CMY	0.3333, 0.1725, 0.0000
CMYK	0.33, 0.17, 0.00, 0.00
HSL	211°, 100%, 83%
HSV	211°, 33%, 100%
XYZ	57.9218, 62.3546, 103.5906
YIQ	203.7570, -38.5600, 4.9920

Conversions

Conversions Part 2

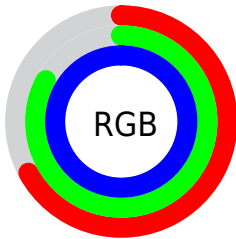
Format	Color
R _Y B	170, 198, 255
Decimal	11195391
CIE Lab	83.10, -3.25, -25.84
CIE LCh	83, 26.045, 262.821
Yxy	62.3546, 0.2587, 0.2785
Android (android.graphics.Color)	4289385471 (0xFFAAD3FF)
YUV	203.7570, 25.2628, -29.6049
Hunter-Lab	78.9649, -7.2566, -22.5045

Details

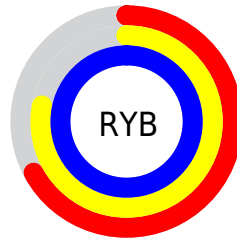
The XYZ color **57.9218, 62.3546, 103.5906** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.5425, 72.2553, 48.1552**, and the grayscale version is **57.1057, 60.0797, 65.4268**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **29.3202, 31.8360, 58.0257** is the 20% darker color. If you saturate the color by 10%, you get **49.7892, 53.4936, 102.3089**, and if you desaturate by 10%, it is **67.3963, 72.3100, 105.0128**.

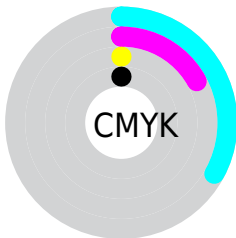
Distribution



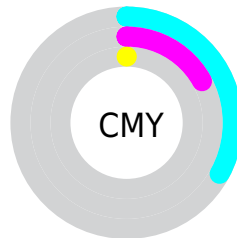
- Red (67%)
- Green (83%)
- Blue (100%)



- Red (67%)
- Yellow (78%)
- Blue (100%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9218, 62.3546, 103.5906 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 57.9218, 62.3546, 103.5906 by changing the saturation by 10% instead.

■ 57.9218, 62.3546,
103.5906

■ 57.9218, 62.3546,
103.5906

406.8530,
433.2234, 592.9889

■ 41.9888, 45.3193,
78.6690

■ 100.9326,
108.2379, 168.1776

■ 29.2836, 31.7090,
58.1040

128.7411,
137.8546, 208.6800

■ 19.4408, 21.1393,
41.4770

161.2388,
172.4339, 255.2132

■ 12.0951, 13.2259,
28.3695

198.7911,
212.3603, 308.1957

■ 6.8812, 7.5843,
18.3629

241.7633,
258.0180, 368.0459

■ 3.4336, 3.8301,
11.0387

290.5208,

■ 1.3870, 1.5790,

309.7915, 435.1825

5.9784

345.4289,
368.0651, 510.0240

■ 0.2469, 0.3434,
2.7634

■ 0.0000, 0.0000,
0.9751

■ 57.9218, 62.3546,
103.5906

■ 57.9218, 62.3546,
103.5906

■ 49.7892, 53.4936,
102.3089

■ 67.3963, 72.3100,
105.0128

■ 42.9247, 45.6752,
101.1616

■ 78.2708, 83.3945,
106.5792

■ 37.2550, 38.8529,
100.1436

■ 90.6059, 95.6500,
108.2946

■ 32.6963, 32.9733,
99.2490

95.0500, 100.0000,
108.9000

■ 29.1521, 27.9759,
98.4712

■ 26.5065, 23.7897,
97.8026

■ 25.1338, 21.3875,
97.4113

Harmonies

Analogous

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



52.9535, 62.3546, 95.7563



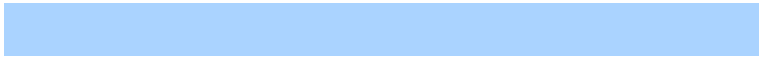
57.9218, 62.3546, 103.5906



63.5711, 62.3546, 100.7189

Triad

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



57.9218, 62.3546, 103.5906



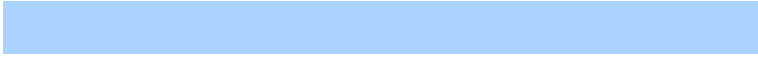
69.8303, 62.3546, 56.5496



51.0416, 62.3546, 50.8070

Complementary

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



57.9218, 62.3546, 103.5906



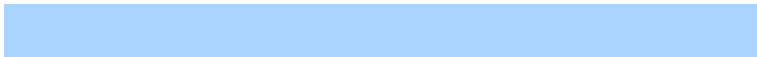
72.5425, 72.2553, 48.1552

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.



55.1601, 62.3546, 43.1093



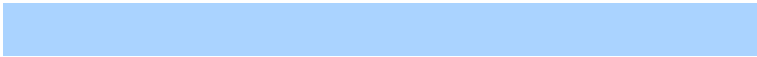
57.9218, 62.3546, 103.5906



66.0616, 62.3546, 46.0393

Square

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



57.9218, 62.3546, 103.5906



70.6857, 62.3546, 71.8476



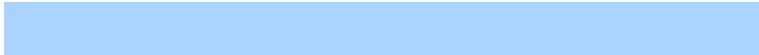
60.6312, 62.3546, 41.5137



49.1480, 62.3546, 64.0873

Rectangle

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



57.9218, 62.3546, 103.5906



66.9444, 62.3546, 93.3066



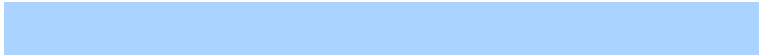
60.6312, 62.3546, 41.5137



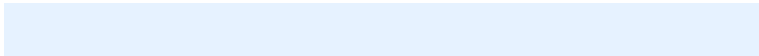
52.1987, 62.3546, 47.5725

Sweetspot

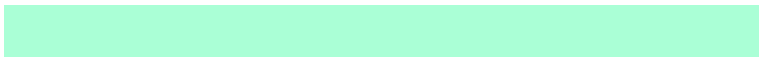
The Sweet Spot groups the original color and five complimentary colors.



57.9236, 62.3570, 103.5909



82.2157, 87.3460, 107.1340



64.4655, 84.9173, 76.5567



17.2371, 18.3355, 22.8806



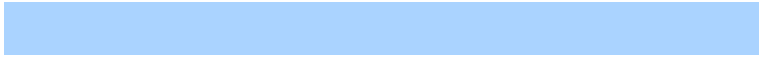
0.0000, 0.0000, 0.0000



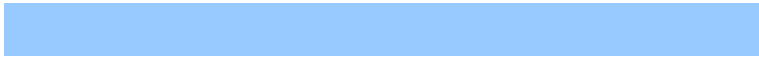
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9236, 62.3570, 103.5909



52.3550, 56.3285, 102.7208



49.3116, 44.6760, 100.6321



17.7261, 18.8238, 22.9490



13.2808, 11.4711, 50.9488



1.4018, 1.3344, 4.9969

Inverse Universe

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



67.3738, 54.7141, 68.6405



63.3159, 48.3163, 61.9918



83.7368, 95.4147, 52.0354



18.3744, 18.1331, 20.5887



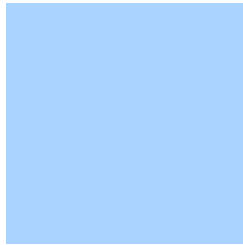
23.4917, 11.8860, 11.2398



2.3422, 1.1792, 1.3834

Previews

White Background



This preview shows how the XYZ color 57.9218, 62.3546, 103.5906 looks on a white background.

Color Contrast Check

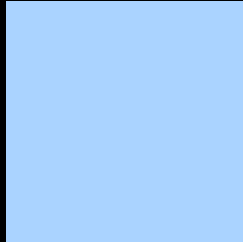
Large Text (above 18pt) WCAG AA × Fail

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 57.9218, 62.3546, 103.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

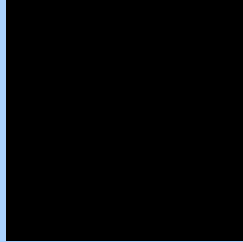
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

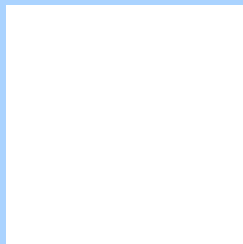
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9218, 62.3546, 103.5906

Background



This preview shows how black text looks on a background with the XYZ color 57.9218, 62.3546, 103.5906.



This preview shows how white text looks on a background with the XYZ color 57.9218, 62.3546,

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

57.9218, 62.3546, 103.5906

Protanopia

61.6131, 61.8236, 99.1283

Deuteranopia

63.2579, 61.8786, 103.2174



Tritanopia

54.3830, 62.4264, 85.5271

Trichromacy



Original Color

57.9218, 62.3546, 103.5906

Protanomaly

60.3770, 62.2187, 100.9227

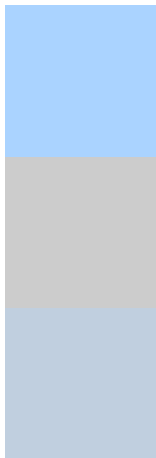
Deuteranomaly

61.1165, 61.8298, 103.3209

Tritanomaly

55.7111, 62.5999, 91.5848

Monochromacy



Original Color

57.9218, 62.3546, 103.5906

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3703, 61.1598, 78.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9218, 62.3546, 103.5906 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(170, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9218, 62.3546, 103.5906 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(170, 211, 255) }
```


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

```
.border{ border-color:rgb(170, 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(170, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9218, 62.3546, 103.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 211, 255) }
```

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

```
.background{ background-color: rgb(170,  
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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