

Converting Colors

XYZ(62.6009, 61.4316,
150.9234)

Have a look what the booklet for
XYZ(62.6009, 61.4316, 150.9234)
contains.

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Color

**XYZ(53.5916, 57.9506,
102.9687)**

Conversions

Conversions Part 1

Format	Color
Hex	9CCDFE
RGB	156, 205, 255
RGB Percent	61%, 80%, 100%
CMY	0.3882, 0.1961, 0.0000
CMYK	0.39, 0.20, 0.00, 0.00
HSL	210°, 100%, 81%
HSV	210°, 39%, 100%
XYZ	53.5916, 57.9506, 102.9687
YIQ	196.0490, -45.2540, 5.1620

Conversions

Conversions Part 2

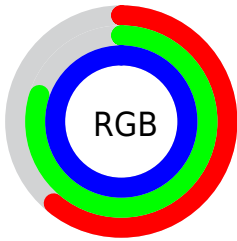
Format	Color
R _Y B	156, 189, 255
Decimal	10276351
CIE Lab	80.71, -3.79, -29.57
CIE LCh	81, 29.809, 262.696
Yxy	57.9506, 0.2498, 0.2702
Android (android.graphics.Color)	4288466431 (0xFF9CCDFF)
YUV	196.0490, 29.0628, -35.1230
Hunter-Lab	76.1253, -7.5567, -26.9092

Details

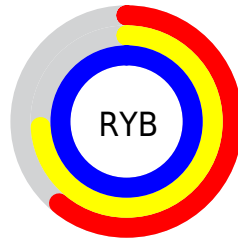
The XYZ color **53.5916, 57.9506, 102.9687** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.3125, 67.8032, 40.8885**, and the grayscale version is **52.3509, 55.0772, 59.9791**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **26.5152, 28.9198, 57.6107** is the 20% darker color. If you saturate the color by 10%, you get **46.2106, 49.7601, 101.7768**, and if you desaturate by 10%, it is **62.2653, 67.1865, 104.2943**.

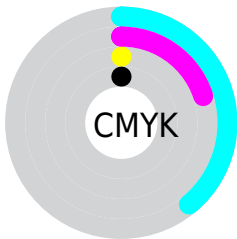
Distribution



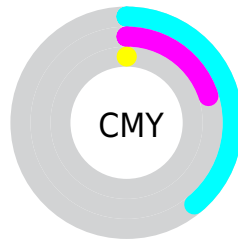
- Red (61%)
- Green (80%)
- Blue (100%)



- Red (61%)
- Yellow (74%)
- Blue (100%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5916, 57.9506, 102.9687 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 53.5916, 57.9506, 102.9687 by changing the saturation by 10% instead.

■ 53.5916, 57.9506,
102.9687

■ 53.5916, 57.9506,
102.9687

390.7745,
417.0018, 590.9970

■ 38.5046, 41.7689,
78.1515

■ 94.6347, 101.8509,
167.3183

■ 26.5536, 28.9204,
57.6812

■ 121.3216,
130.3384, 207.6877

■ 17.3731, 19.0206,
41.1394

152.6058,
163.6965, 254.0782

■ 10.5978, 11.6852,
28.1075

188.8528,
202.3098, 306.9084

■ 5.8624, 6.5297,
18.1670

230.4277,
246.5626, 366.5969

■ 2.8014, 3.1698,
10.8993

277.6961,

■ 1.0496, 1.2210,

296.8392, 433.5621

5.8858

331.0233,
353.5242, 508.2226

■ 0.0000, 0.0787,
2.7081

■ 0.0000, 0.0000,
0.9475

■ 53.5916, 57.9506,
102.9687

■ 53.5916, 57.9506,
102.9687

■ 46.2106, 49.7601,
101.7768

■ 62.2653, 67.1865,
104.2943

■ 40.0458, 42.5628,
100.7125

■ 72.2922, 77.5038,
105.7573

■ 35.0199, 36.3106,
99.7706

■ 83.7347, 88.9445,
107.3625

■ 31.0432, 30.9477,
98.9451

95.0500, 100.0000,
108.9000

■ 28.0105, 26.4095,
98.2290

■ 25.7721, 22.6083,
97.6132

■ 25.5385, 22.1971,
97.5462

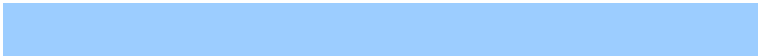
Harmonies

Analogous

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



48.2249, 57.9506, 94.0257



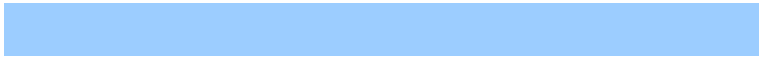
53.5916, 57.9506, 102.9687



59.7664, 57.9506, 99.7513

Triad

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



53.5916, 57.9506, 102.9687



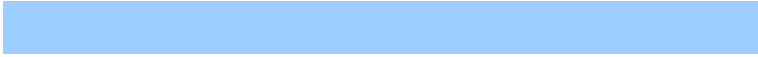
66.7167, 57.9506, 50.9212



46.2058, 57.9506, 44.7309

Complementary

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



53.5916, 57.9506, 102.9687



69.3125, 67.8032, 40.8885

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.



50.6458, 57.9506, 36.7439



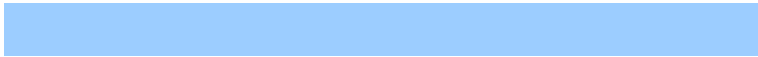
53.5916, 57.9506, 102.9687



62.5564, 57.9506, 39.8266

Square

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



53.5916, 57.9506, 102.9687



67.6517, 57.9506, 67.4994



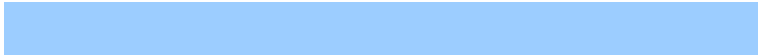
56.5963, 57.9506, 35.1322



44.1715, 57.9506, 58.8929

Rectangle

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



53.5916, 57.9506, 102.9687



63.4878, 57.9506, 91.3815



56.5963, 57.9506, 35.1322



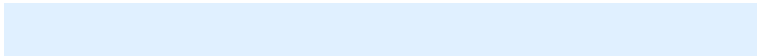
47.4499, 57.9506, 41.3512

Sweetspot

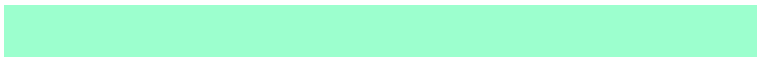
The Sweet Spot groups the original color and five complimentary colors.



53.5933, 57.9527, 102.9691



79.9412, 85.1845, 106.8366



60.5513, 83.0204, 70.9090



16.7861, 17.9094, 22.8221



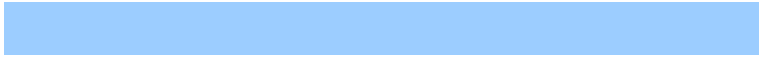
0.0000, 0.0000, 0.0000



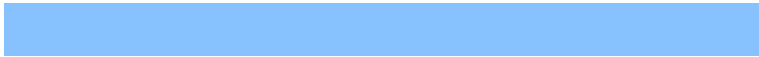
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5933, 57.9527, 102.9691



47.4628, 51.1772, 101.9844



43.6503, 38.0666, 99.6547



17.7456, 18.8628, 22.9555



13.4934, 11.8963, 51.0196



1.4229, 1.3765, 5.0040

Inverse Universe

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



64.1490, 49.4463, 63.9230



59.7156, 42.5461, 56.3820



83.0011, 95.1804, 45.4514



18.3842, 18.1370, 20.6406



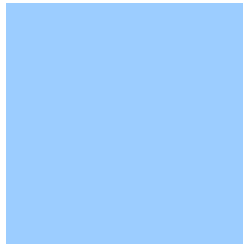
23.5990, 11.9289, 11.8048



2.3528, 1.1835, 1.4394

Previews

White Background



This preview shows how the XYZ color 53.5916, 57.9506, 102.9687 looks on a white background.

Color Contrast Check

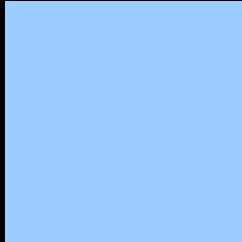
Large Text (above 18pt) WCAG AA × Fail

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 53.5916, 57.9506, 102.9687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

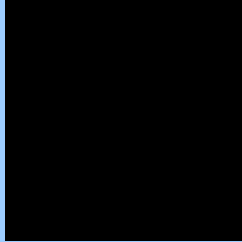
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

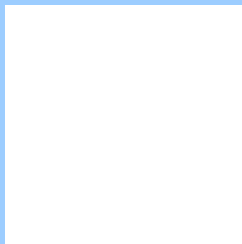
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5916, 57.9506, 102.9687

Background



This preview shows how black text looks on a background with the XYZ color 53.5916, 57.9506, 102.9687.



This preview shows how white text looks on a background with the XYZ color 53.5916, 57.9506,

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

53.5916, 57.9506, 102.9687

Protanopia

57.9429, 57.8551, 98.5557

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

49.3061, 58.0288, 81.2750

Trichromacy



Original Color

53.5916, 57.9506, 102.9687

Protanomaly

56.3618, 58.0317, 100.3261

Deuteranomaly

56.6049, 57.4140, 102.7063

Tritanomaly

50.7908, 57.9016, 88.6199

Monochromacy



Original Color

53.5916, 57.9506, 102.9687

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0039, 55.6804, 73.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5916, 57.9506, 102.9687 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(156, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 205, 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(156, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5916, 57.9506, 102.9687 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(156, 205, 255) }
```


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

```
.border{ border-color:rgb(156, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5916, 57.9506, 102.9687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 205, 255) }
```

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

```
.background{ background-color: rgb(156,  
205, 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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