

Converting Colors

XYZ(54.4666, 59.0920,
103.1429)

Have a look what the booklet for
XYZ(54.4666, 59.0920, 103.1429)
contains.

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Color

**XYZ(54.4634, 59.1147,
103.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECFFF
RGB	158, 207, 255
RGB Percent	62%, 81%, 100%
CMY	0.3804, 0.1882, 0.0000
CMYK	0.38, 0.19, 0.00, 0.00
HSL	210°, 100%, 81%
HSV	210°, 38%, 100%
XYZ	54.4634, 59.1147, 103.1475
YIQ	197.8210, -44.6120, 4.5400

Conversions

Conversions Part 2

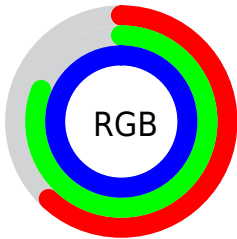
Format	Color
R _Y B	158, 191, 255
Decimal	10407935
CIE Lab	81.35, -4.33, -28.57
CIE LCh	81, 28.899, 261.373
Yxy	59.1147, 0.2513, 0.2728
Android (android.graphics.Color)	4288598015 (0xFF9ECFFF)
YUV	197.8210, 28.1892, -34.9230
Hunter-Lab	76.8861, -8.1075, -25.7210

Details

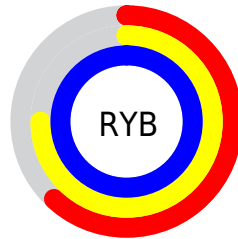
The XYZ color **54.4634, 59.1147, 103.1475** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.4835, 67.8719, 41.7882**, and the grayscale version is **53.4231, 56.2052, 61.2075**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **27.0638, 29.6845, 57.7293** is the 20% darker color. If you saturate the color by 10%, you get **47.0225, 50.9216, 101.9582**, and if you desaturate by 10%, it is **63.1927, 68.3373, 104.4676**.

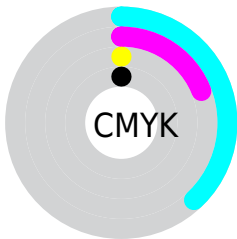
Distribution



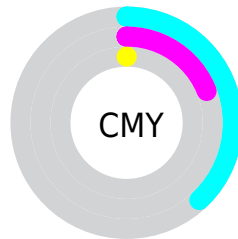
- Red (62%)
- Green (81%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- Blue (100%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4634, 59.1147, 103.1475 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 54.4634, 59.1147, 103.1475 by changing the saturation by 10% instead.

■ 54.4634, 59.1147,
103.1475

■ 54.4634, 59.1147,
103.1475

394.0442,
421.3268, 591.5700

■ 39.2044, 42.7055,
78.3003

■ 95.9072, 103.5444,
167.5654

■ 27.1002, 29.6541,
57.8028

■ 122.8228,
132.3335, 207.9731

■ 17.7855, 19.5762,
41.2364

154.3545,
166.0182, 254.4047

■ 10.8948, 12.0873,
28.1828

190.8679,
204.9827, 307.2787

■ 6.0629, 6.8032,
18.2233

232.7282,
249.6114, 367.0137

■ 2.9244, 3.3393,
10.9393

280.3007,

■ 1.1139, 1.3113,

300.2887, 434.0282

5.9124

333.9510,
357.3991, 508.7408

■ 0.0367, 0.1500,
2.7239

■ 0.0000, 0.0000,
0.9554

■ 54.4634, 59.1147,
103.1475

■ 54.4634, 59.1147,
103.1475

■ 47.0225, 50.9216,
101.9582

■ 63.1927, 68.3373,
104.4676

■ 40.7942, 43.7066,
100.8939

■ 73.2700, 78.6244,
105.9220

■ 35.7024, 37.4230,
99.9494

■ 84.7571, 90.0170,
107.5156

■ 31.6588, 32.0163,
99.1189

95.0500, 100.0000,
108.9000

■ 28.5602, 27.4236,
98.3957

■ 26.2685, 23.5640,
97.7715

■ 25.8762, 22.8725,
97.6587

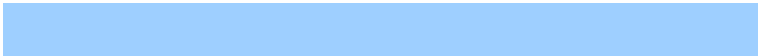
Harmonies

Analogous

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



49.2473, 59.1147, 93.9879



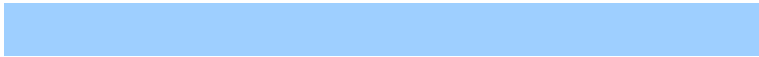
54.4634, 59.1147, 103.1475



60.5243, 59.1147, 100.5537

Triad

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



54.4634, 59.1147, 103.1475



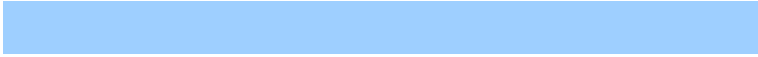
67.7048, 59.1147, 52.9943



47.5972, 59.1147, 45.7631

Complementary

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



54.4634, 59.1147, 103.1475



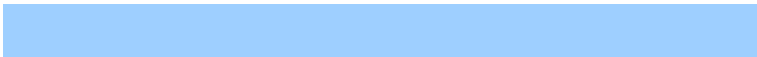
69.4835, 67.8719, 41.7882

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.



52.0615, 59.1147, 38.1052



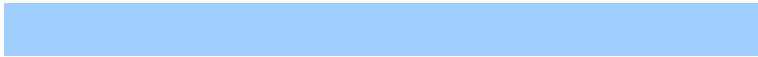
54.4634, 59.1147, 103.1475



63.7492, 59.1147, 41.7305

Square

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



54.4634, 59.1147, 103.1475



68.4629, 59.1147, 69.4826



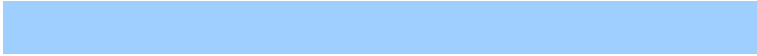
57.9461, 59.1147, 36.7742



45.4735, 59.1147, 59.5067

Rectangle

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



54.4634, 59.1147, 103.1475



64.2139, 59.1147, 92.6760



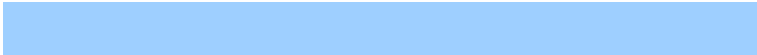
57.9461, 59.1147, 36.7742



48.8581, 59.1147, 42.5022

Sweetspot

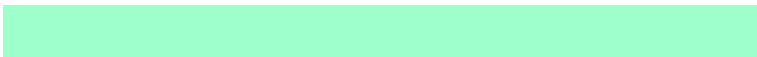
The Sweet Spot groups the original color and five complimentary colors.



54.4651, 59.1169, 103.1478



81.2036, 86.5244, 107.0287



60.8671, 83.1918, 70.5349



17.0419, 18.1848, 22.8618



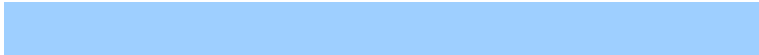
0.0000, 0.0000, 0.0000



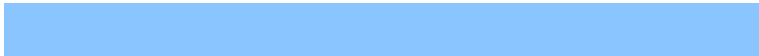
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4651, 59.1169, 103.1478



48.4379, 52.5103, 102.1903



44.6567, 39.5000, 99.8783



17.7614, 18.8945, 22.9608



13.6706, 12.2507, 51.0787



1.4403, 1.4114, 5.0098

Inverse Universe

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



64.7306, 50.2205, 65.3155



60.3585, 43.3802, 57.9889



82.6584, 94.2217, 46.1799



18.3922, 18.1402, 20.6826



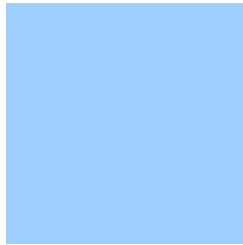
23.6885, 11.9647, 12.2758



2.3616, 1.1870, 1.4858

Previews

White Background



This preview shows how the XYZ color 54.4634, 59.1147, 103.1475 looks on a white background.

Color Contrast Check

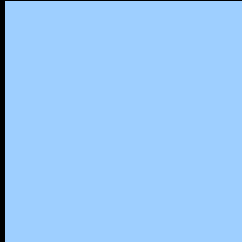
Large Text (above 18pt) WCAG AA × Fail

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 54.4634, 59.1147, 103.1475 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

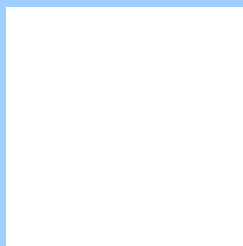
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4634, 59.1147, 103.1475

Background



This preview shows how black text looks on a background with the XYZ color 54.4634, 59.1147, 103.1475.



This preview shows how white text looks on a background with the XYZ color 54.4634, 59.1147,

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

54.4634, 59.1147, 103.1475

Protanopia

58.9139, 58.6961, 98.6669

Deuteranopia

59.9823, 58.8146, 102.7987



Tritanopia

50.4488, 59.3234, 82.9204

Trichromacy



Original Color

54.4634, 59.1147, 103.1475

Protanomaly

57.0513, 58.7343, 100.4254

Deuteranomaly

57.7590, 58.6966, 102.8931

Tritanomaly

51.8056, 59.1363, 89.5729

Monochromacy



Original Color

54.4634, 59.1147, 103.1475

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2013, 56.9550, 75.2072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4634, 59.1147, 103.1475 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(158, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 207, 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(158, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4634, 59.1147, 103.1475 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(158, 207, 255) }
```


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

```
.border{ border-color:rgb(158, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(158, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4634, 59.1147, 103.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 207, 255) }
```

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

```
.background{ background-color: rgb(158,  
207, 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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