

Converting Colors

XYZ(54.0914, 58.6015,
103.0680)

Have a look what the booklet for
XYZ(54.0914, 58.6015, 103.0680)
contains.

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Color

**XYZ(54.0259, 58.5307,
103.0578)**

Conversions

Conversions Part 1

Format	Color
Hex	9DCEFF
RGB	157, 206, 255
RGB Percent	62%, 81%, 100%
CMY	0.3843, 0.1921, 0.0000
CMYK	0.38, 0.19, 0.00, 0.00
HSL	210°, 100%, 81%
HSV	210°, 38%, 100%
XYZ	54.0259, 58.5307, 103.0578
YIQ	196.9350, -44.9330, 4.8510

Conversions

Conversions Part 2

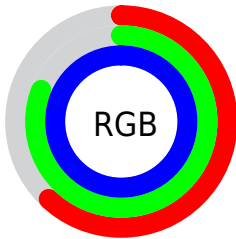
Format	Color
R _Y B	157, 190, 255
Decimal	10342143
CIE Lab	81.03, -4.06, -29.07
CIE LCh	81, 29.352, 262.042
Yxy	58.5307, 0.2506, 0.2715
Android (android.graphics.Color)	4288532223 (0xFF9DCEFF)
YUV	196.9350, 28.6260, -35.0230
Hunter-Lab	76.5054, -7.8328, -26.3138

Details

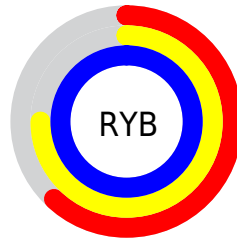
The XYZ color **54.0259, 58.5307, 103.0578** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.3976, 67.8373, 41.3364**, and the grayscale version is **52.8854, 55.6395, 60.5914**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.7881, 29.3004, 57.6697** is the 20% darker color. If you saturate the color by 10%, you get **46.6145, 50.3380, 101.8671**, and if you desaturate by 10%, it is **62.7279, 67.7609, 104.3808**.

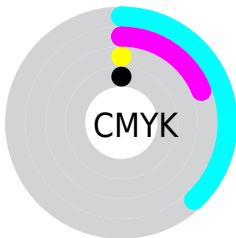
Distribution



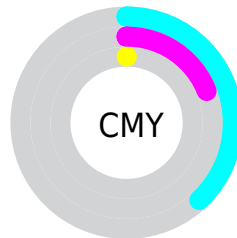
- Red (62%)
- Green (81%)
- Blue (100%)



- 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 54.0259, 58.5307, 103.0578 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 54.0259, 58.5307, 103.0578 by changing the saturation by 10% instead.

■ 54.0259, 58.5307,
103.0578

■ 54.0259, 58.5307,
103.0578

392.4055,
419.1605, 591.2826

■ 38.8531, 42.2354,
78.2256

■ 95.2689, 102.6953,
167.4414

■ 26.8257, 29.2857,
57.7418

■ 122.0699,
131.3334, 207.8299

■ 17.5783, 19.2971,
41.1878

153.4777,
164.8546, 254.2409

■ 10.7455, 11.8851,
28.1450

189.8576,
203.6433, 307.0930

■ 5.9620, 6.6655,
18.1950

231.5749,
248.0838, 366.8046

■ 2.8624, 3.2538,
10.9192

278.9951,

■ 1.0814, 1.2656,

298.5606, 433.7944

5.8990

332.4835,
355.4580, 508.4809

■ 0.0095, 0.1144,
2.7160

■ 0.0000, 0.0000,
0.9515

■ 54.0259, 58.5307,
103.0578

■ 54.0259, 58.5307,
103.0578

■ 46.6145, 50.3380,
101.8671

■ 62.7279, 67.7609,
104.3808

■ 40.4176, 43.1310,
100.8026

■ 72.7804, 78.0642,
105.8397

■ 35.3584, 36.8623,
99.8593

■ 84.2458, 89.4820,
107.4393

■ 31.3480, 31.4768,
99.0311

95.0500, 100.0000,
108.9000

■ 28.2821, 26.9108,
98.3114

■ 26.0172, 23.0800,
97.6914

■ 25.7046, 22.5293,
97.6015

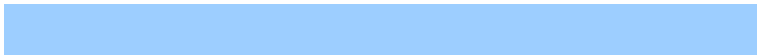
Harmonies

Analogous

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



48.7340, 58.5307, 94.0058



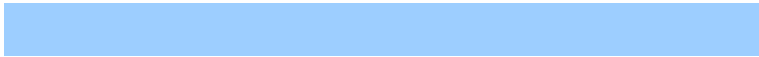
54.0259, 58.5307, 103.0578



60.1441, 58.5307, 100.1526

Triad

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



54.0259, 58.5307, 103.0578



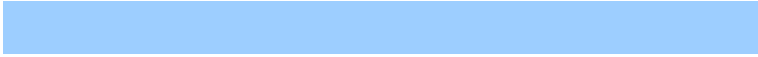
67.2097, 58.5307, 51.9518



46.8983, 58.5307, 45.2442

Complementary

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



54.0259, 58.5307, 103.0578



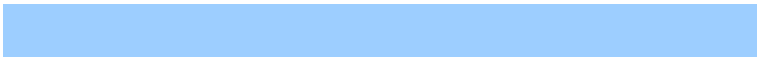
69.3976, 67.8373, 41.3364

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.



51.3508, 58.5307, 37.4201



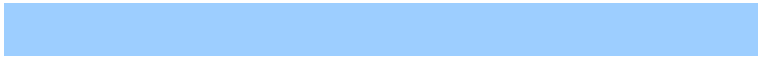
54.0259, 58.5307, 103.0578



63.1513, 58.5307, 40.7717

Square

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



54.0259, 58.5307, 103.0578



68.0564, 58.5307, 68.4875



57.2690, 58.5307, 35.9471



44.8194, 58.5307, 59.1981

Rectangle

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



54.0259, 58.5307, 103.0578



63.8498, 58.5307, 92.0282



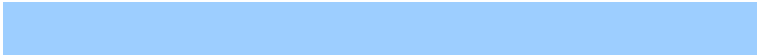
57.2690, 58.5307, 35.9471



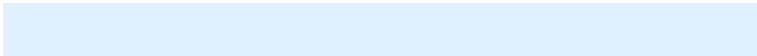
48.1508, 58.5307, 41.9235

Sweetspot

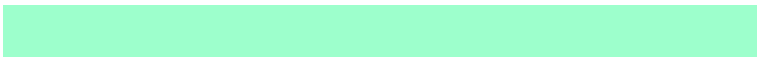
The Sweet Spot groups the original color and five complimentary colors.



54.0276, 58.5329, 103.0582



79.9866, 85.2753, 106.8518



60.6088, 83.0659, 70.1978



16.7968, 17.9307, 22.8256



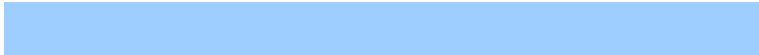
0.0000, 0.0000, 0.0000



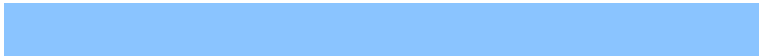
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0276, 58.5329, 103.0582



48.3010, 52.2365, 102.1447



44.2913, 39.0603, 99.8127



17.7534, 18.8785, 22.9582



13.5805, 12.0706, 51.0487



1.4315, 1.3937, 5.0068

Inverse Universe

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



64.4387, 49.8317, 64.6170



60.2894, 43.3526, 57.6251



82.5673, 94.1768, 45.7263



18.3882, 18.1386, 20.6614



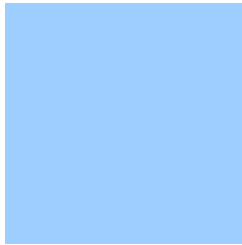
23.6430, 11.9465, 12.0365



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 54.0259, 58.5307, 103.0578 looks on a white background.

Color Contrast Check

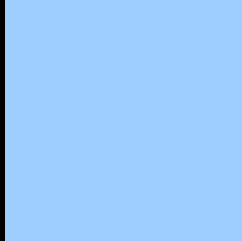
Large Text (above 18pt) WCAG AA × Fail

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 54.0259, 58.5307, 103.0578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

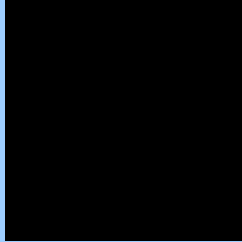
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

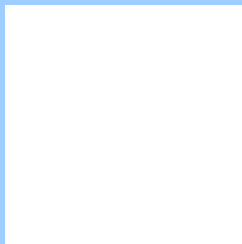
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0259, 58.5307, 103.0578

Background



This preview shows how black text looks on a background with the XYZ color 54.0259, 58.5307, 103.0578.



This preview shows how white text looks on a background with the XYZ color 54.0259, 58.5307,

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

54.0259, 58.5307, 103.0578

Protanopia

58.4178, 58.4403, 98.6436

Deuteranopia

59.5021, 58.2289, 102.7109



Tritanopia

49.8755, 58.6740, 82.0953

Trichromacy



Original Color

54.0259, 58.5307, 103.0578

Protanomaly

56.8227, 58.6164, 100.4147

Deuteranomaly

57.2947, 58.1123, 102.8048

Tritanomaly

51.3699, 58.5463, 89.4820

Monochromacy



Original Color

54.0259, 58.5307, 103.0578

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6006, 56.3156, 74.4273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0259, 58.5307, 103.0578 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(157, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 206, 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(157, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.0259, 58.5307, 103.0578 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(157, 206, 255) }
```


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

```
.border{ border-color:rgb(157, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0259, 58.5307, 103.0578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 206, 255) }
```

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

```
.background{ background-color: rgb(157,  
206, 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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