

Converting Colors

XYZ(53.7578, 57.8824,
102.9468)

Have a look what the booklet for
XYZ(53.7578, 57.8824, 102.9468)
contains.

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Color

**XYZ(53.7859, 58.0507,
102.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	9DCDFF
RGB	157, 205, 255
RGB Percent	62%, 80%, 100%
CMY	0.3843, 0.1961, 0.0000
CMYK	0.38, 0.20, 0.00, 0.00
HSL	211°, 100%, 81%
HSV	211°, 38%, 100%
XYZ	53.7859, 58.0507, 102.9778
YIQ	196.3480, -44.6580, 5.3740

Conversions

Conversions Part 2

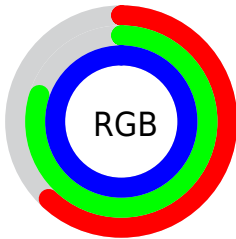
Format	Color
R _Y B	157, 189, 255
Decimal	10341887
CIE Lab	80.77, -3.53, -29.48
CIE LCh	81, 29.688, 263.169
Yxy	58.0507, 0.2504, 0.2702
Android (android.graphics.Color)	4288531967 (0xFF9DCDFF)
YUV	196.3480, 28.9154, -34.5082
Hunter-Lab	76.1910, -7.3249, -26.8011

Details

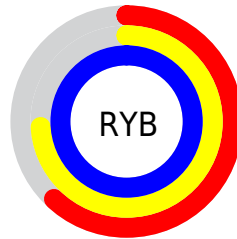
The XYZ color **53.7859, 58.0507, 102.9778** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.6391, 68.3204, 41.4169**, and the grayscale version is **52.5307, 55.2663, 60.1850**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.6265, 28.9771, 57.6159** is the 20% darker color. If you saturate the color by 10%, you get **46.3366, 49.7822, 101.7745**, and if you desaturate by 10%, it is **62.5356, 67.3763, 104.3167**.

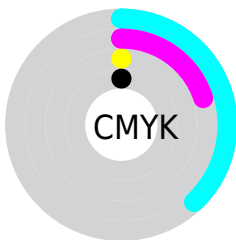
Distribution



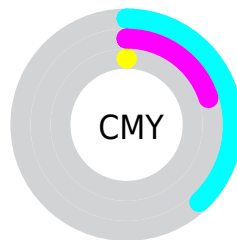
- Red (62%)
- Green (80%)
- Blue (100%)



- Red (62%)
- Yellow (74%)
- Blue (100%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7859, 58.0507, 102.9778 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 53.7859, 58.0507, 102.9778 by changing the saturation by 10% instead.

■ 53.7859, 58.0507,
102.9778

■ 53.7859, 58.0507,
102.9778

391.5047,
417.3748, 591.0262

■ 38.6605, 41.8494,
78.1590

■ 94.9186, 101.9967,
167.3308

■ 26.6753, 28.9834,
57.6874

■ 121.6565,
130.5102, 207.7022

■ 17.4648, 19.0683,
41.1444

152.9961,
163.8965, 254.0948

■ 10.6638, 11.7196,
28.1114

189.3025,
202.5401, 306.9273

■ 5.9069, 6.5531,
18.1698

230.9413,
246.8253, 366.6181

■ 2.8286, 3.1842,
10.9013

278.2776,

■ 1.0638, 1.2286,

297.1366, 433.5859

5.8872

331.6770,
353.8583, 508.2490

■ 0.0000, 0.0849,
2.7089

■ 0.0000, 0.0000,
0.9479

■ 53.7859, 58.0507,
102.9778

■ 53.7859, 58.0507,
102.9778

■ 46.3366, 49.7822,
101.7745

■ 62.5356, 67.3763,
104.3167

■ 40.1112, 42.5182,
100.7005

■ 72.6460, 77.7953,
105.7949

■ 35.0325, 36.2105,
99.7507

■ 84.1797, 89.3499,
107.4172

■ 31.0111, 30.8031,
98.9189

■ 95.0500, 100.0000,
108.9000

■ 27.9425, 26.2315,
98.1982

■ 25.6823, 22.4103,
97.5797

■ 25.3712, 21.8623,
97.4904

Harmonies

Analogous

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



48.4098, 58.0507, 94.2439



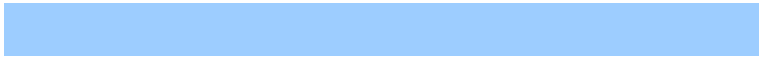
53.7859, 58.0507, 102.9778



59.9419, 58.0507, 99.5797

Triad

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



53.7859, 58.0507, 102.9778



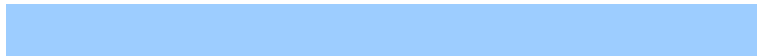
66.7313, 58.0507, 50.8395



46.2723, 58.0507, 45.0612

Complementary

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



53.7859, 58.0507, 102.9778



69.6391, 68.3204, 41.4169

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.



50.6686, 58.0507, 36.9846



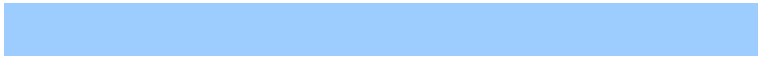
53.7859, 58.0507, 102.9778



62.5438, 58.0507, 39.8639

Square

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



53.7859, 58.0507, 102.9778



67.7198, 58.0507, 67.3063



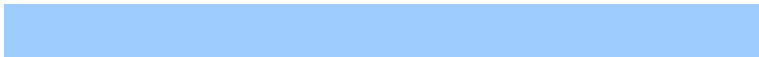
56.5887, 58.0507, 35.2754



44.2846, 58.0507, 59.2782

Rectangle

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



53.7859, 58.0507, 102.9778



63.6348, 58.0507, 91.1489



56.5887, 58.0507, 35.2754



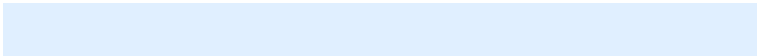
47.5011, 58.0507, 41.6535

Sweetspot

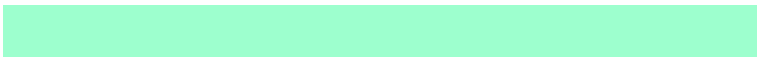
The Sweet Spot groups the original color and five complimentary colors.



53.7876, 58.0529, 102.9782



79.8949, 85.0918, 106.8212



60.8063, 83.1448, 71.2376



16.7752, 17.8876, 22.8185



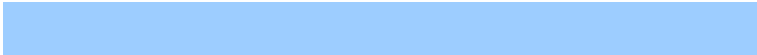
0.0000, 0.0000, 0.0000



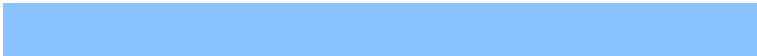
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7876, 58.0529, 102.9782



48.0315, 51.6973, 102.0548



44.0131, 38.5039, 99.7200



17.7376, 18.8468, 22.9529



13.4055, 11.7206, 50.9903



1.4142, 1.3591, 5.0011

Inverse Universe

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



64.3175, 49.7833, 63.9791



60.1533, 43.2981, 56.9085



83.0862, 95.2145, 45.8993



18.3802, 18.1354, 20.6193



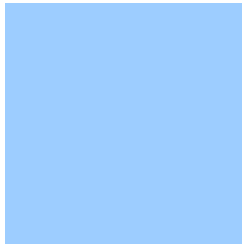
23.5547, 11.9112, 11.5713



2.3484, 1.1817, 1.4163

Previews

White Background



This preview shows how the XYZ color 53.7859, 58.0507, 102.9778 looks on a white background.

Color Contrast Check

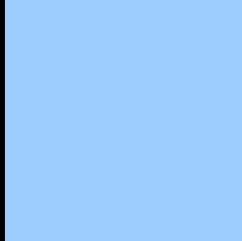
Large Text (above 18pt) WCAG AA × Fail

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 53.7859, 58.0507, 102.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

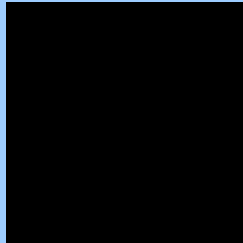
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

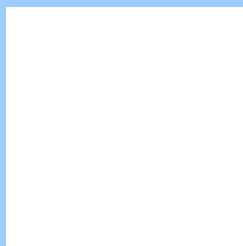
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7859, 58.0507, 102.9778

Background



This preview shows how black text looks on a background with the XYZ color 53.7859, 58.0507, 102.9778.

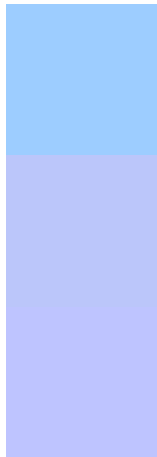


This preview shows how white text looks on a background with the XYZ color 53.7859, 58.0507,

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

53.7859, 58.0507, 102.9778

Protanopia

57.9429, 57.8551, 98.5557

Deuteranopia

59.0251, 57.6470, 102.6238



Tritanopia

49.4894, 58.1233, 81.2836

Trichromacy



Original Color

53.7859, 58.0507, 102.9778

Protanomaly

56.3618, 58.0317, 100.3261

Deuteranomaly

56.8335, 57.5318, 102.7170

Tritanomaly

50.9788, 57.9985, 88.6287

Monochromacy



Original Color

53.7859, 58.0507, 102.9778

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2392, 55.8017, 73.6631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7859, 58.0507, 102.9778 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7859, 58.0507, 102.9778 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, 205, 255) }
```


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

```
.border{ border-color:rgb(157, 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(157, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7859, 58.0507, 102.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 205, 255) }
```

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

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