

Converting Colors

XYZ(54.3854, 60.9225,
102.6634)

Have a look what the booklet for
XYZ(54.3854, 60.9225, 102.6634)
contains.

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Color

**XYZ(54.3818, 60.9181,
102.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	98D4FE
RGB	152, 212, 254
RGB Percent	60%, 83%, 100%
CMY	0.4039, 0.1686, 0.0039
CMYK	0.40, 0.17, 0.00, 0.00
HSL	205°, 98%, 80%
HSV	205°, 40%, 100%
XYZ	54.3818, 60.9181, 102.6581
YIQ	198.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

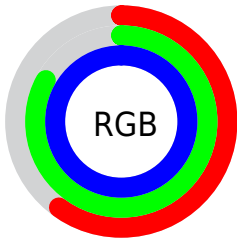
Format	Color
R _Y B	152, 190, 254
Decimal	10015998
CIE Lab	82.33, -8.77, -26.57
CIE LCh	82, 27.980, 251.740
Yxy	60.9181, 0.2495, 0.2795
Android (android.graphics.Color)	4288206078 (0xFF98D4FE)
YUV	198.8480, 27.1899, -41.0857
Hunter-Lab	78.0500, -12.2167, -23.3482

Details

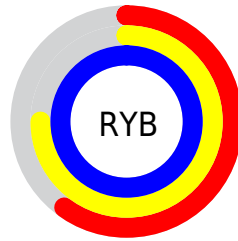
The XYZ color **54.3818, 60.9181, 102.6581** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.8338, 61.9229, 38.1903**, and the grayscale version is **54.0555, 56.8706, 61.9321**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **26.9589, 30.6320, 57.3150** is the 20% darker color. If you saturate the color by 10%, you get **47.5971, 53.6654, 101.6169**, and if you desaturate by 10%, it is **62.3577, 69.0390, 103.8063**.

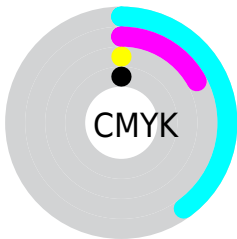
Distribution



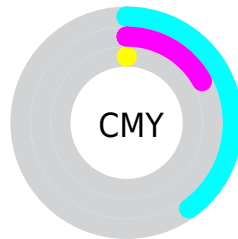
- Red (60%)
- Green (83%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3818, 60.9181, 102.6581 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 54.3818, 60.9181, 102.6581 by changing the saturation by 10% instead.

■ 54.3818, 60.9181,
102.6581

■ 54.3818, 60.9181,
102.6581

393.7389,
427.9736, 590.0009

■ 39.1389, 44.1591,
77.8931

■ 95.7882, 106.1603,
166.8889

■ 27.0490, 30.7956,
57.4702

■ 122.6824,
135.4123, 207.1917

■ 17.7468, 20.4432,
40.9710

154.1911,
169.5975, 253.5109

■ 10.8669, 12.7176,
27.9769

190.6796,
209.1001, 306.2650

■ 6.0441, 7.2344,
18.0694

232.5133,
254.3046, 365.8725

■ 2.9128, 3.6091,
10.8298

280.0575,

■ 1.1078, 1.4574,

305.5955, 432.7519

5.8398

333.6776,
363.3570, 507.3219

■ 0.0316, 0.2585,
2.6807

■ 0.0000, 0.0000,
0.9337

■ 54.3818, 60.9181,
102.6581

■ 54.3818, 60.9181,
102.6581

■ 47.5971, 53.6654,
101.6169

■ 62.3577, 69.0390,
103.8063

■ 41.9290, 47.2336,
100.6741

■ 71.5817, 78.0580,
105.0610

■ 37.3028, 41.5808,
99.8269

■ 82.1139, 88.0120,
106.4272

■ 33.6314, 36.6571,
99.0700

■ 94.0088, 98.9333,
107.9083

■ 30.8112, 32.4038,
98.3977

94.8896, 99.9358,
108.0554

■ 28.7028, 28.7821,
97.8098

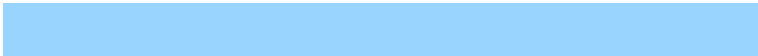
Harmonies

Analogous

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



49.7593, 60.9181, 90.6824



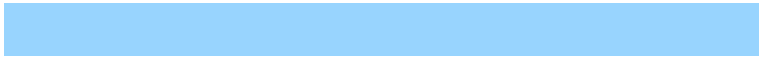
54.3818, 60.9181, 102.6581



60.2654, 60.9181, 103.9570

Triad

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



54.3818, 60.9181, 102.6581



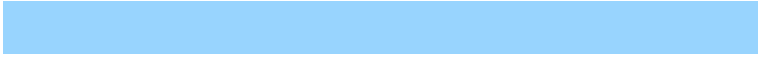
69.8688, 60.9181, 59.8695



50.5975, 60.9181, 44.7191

Complementary

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



54.3818, 60.9181, 102.6581



65.8338, 61.9229, 38.1903

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.



55.5989, 60.9181, 39.0923



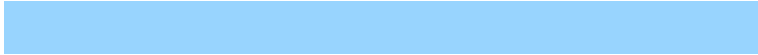
54.3818, 60.9181, 102.6581



66.8853, 60.9181, 46.7807

Square

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



54.3818, 60.9181, 102.6581



69.4869, 60.9181, 77.1603



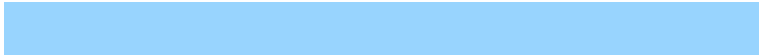
61.5685, 60.9181, 39.7758



47.6800, 60.9181, 56.5628

Rectangle

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



54.3818, 60.9181, 102.6581



64.1449, 60.9181, 98.3607



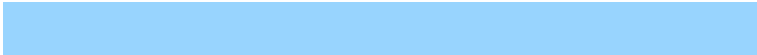
61.5685, 60.9181, 39.7758



52.0757, 60.9181, 42.1377

Sweetspot

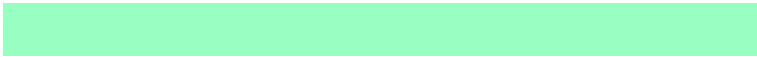
The Sweet Spot groups the original color and five complimentary colors.



54.3838, 60.9204, 102.6595



80.7860, 86.8741, 107.1182



57.9957, 81.4018, 62.9926



16.9849, 18.3071, 22.8884



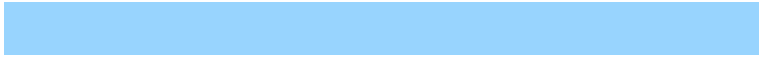
0.0000, 0.0000, 0.0000



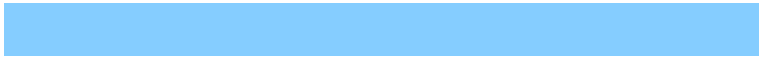
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3838, 60.9204, 102.6595



49.3958, 55.6460, 102.7451



43.7958, 39.7444, 99.1302



17.8911, 19.1539, 23.0040



15.2812, 15.4719, 51.6156



1.5956, 1.7218, 5.0615

Inverse Universe

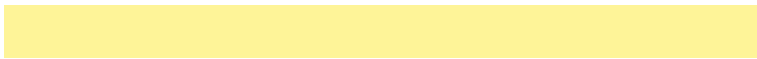
The Inverse Universe completely reimagines the original color for something new.



63.9867, 48.2827, 68.2367



60.5442, 42.3143, 62.4818



78.8325, 87.9203, 42.5232



18.4577, 18.1664, 21.0273



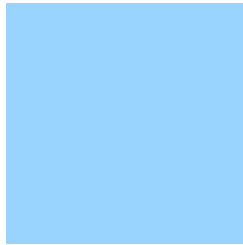
24.5014, 12.2899, 16.5569



2.4400, 1.2184, 1.8983

Previews

White Background



This preview shows how the XYZ color 54.3818, 60.9181, 102.6581 looks on a white background.

Color Contrast Check

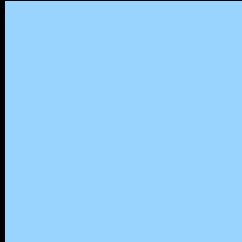
Large Text (above 18pt) WCAG AA × Fail

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 54.3818, 60.9181, 102.6581 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

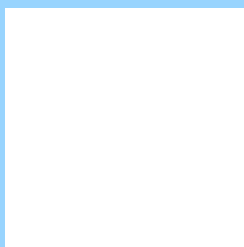
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3818, 60.9181, 102.6581

Background



This preview shows how black text looks on a background with the XYZ color 54.3818, 60.9181, 102.6581.

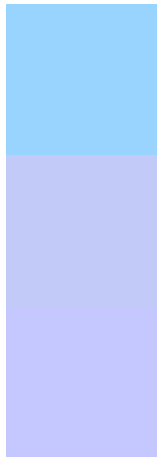


This preview shows how white text looks on a background with the XYZ color 54.3818, 60.9181,

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

54.3818, 60.9181, 102.6581

Protanopia

60.1572, 60.4258, 96.4884

Deuteranopia

61.7302, 60.3989, 103.0124



Tritanopia

51.1179, 61.1059, 86.1912

Trichromacy



Original Color

54.3818, 60.9181, 102.6581

Protanomaly

57.9170, 60.6284, 99.0924

Deuteranomaly

58.6989, 60.2295, 103.1394

Tritanomaly

52.3904, 61.2477, 92.2798

Monochromacy



Original Color

54.3818, 60.9181, 102.6581

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6705, 58.2453, 75.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3818, 60.9181, 102.6581 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(152, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 212, 254)  
}
```

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(152, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 212, 254) }
```

Border

The CSS property to change the border of an element to XYZ 54.3818, 60.9181, 102.6581 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(152, 212, 254) }
```


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

```
.border{ border-color:rgb(152, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 212,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3818, 60.9181, 102.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 212, 254) }
```

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

```
.background{ background-color: rgb(152,  
212, 254) }
```

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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