

Converting Colors

XYZ(55.2915, 58.6328,
108.8151)

Have a look what the booklet for
XYZ(55.2915, 58.6328, 108.8151)
contains.

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Color

**XYZ(54.1794, 58.2536,
102.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	9FCDFE
RGB	159, 205, 255
RGB Percent	62%, 80%, 100%
CMY	0.3765, 0.1961, 0.0000
CMYK	0.38, 0.20, 0.00, 0.00
HSL	211°, 100%, 81%
HSV	211°, 38%, 100%
XYZ	54.1794, 58.2536, 102.9962
YIQ	196.9460, -43.4660, 5.7980

Conversions

Conversions Part 2

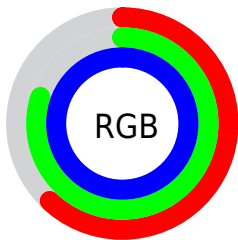
Format	Color
R _Y B	159, 190, 255
Decimal	10472959
CIE Lab	80.88, -3.01, -29.29
CIE LCh	81, 29.449, 264.133
Yxy	58.2536, 0.2515, 0.2704
Android (android.graphics.Color)	4288663039 (0xFF9FCDFE)
YUV	196.9460, 28.6206, -33.2786
Hunter-Lab	76.3240, -6.8570, -26.5826

Details

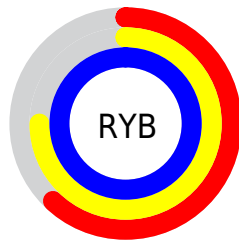
The XYZ color **54.1794, 58.2536, 102.9962** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.2990, 69.3645, 42.4863**, and the grayscale version is **52.8914, 55.6459, 60.5984**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **26.9686, 29.1535, 57.6319** is the 20% darker color. If you saturate the color by 10%, you get **46.5915, 49.8254, 101.7694**, and if you desaturate by 10%, it is **63.0834, 67.7632, 104.3625**.

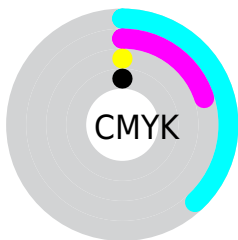
Distribution



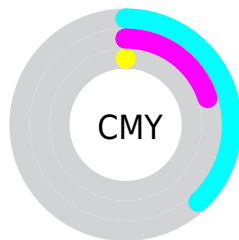
- Red (62%)
- Green (80%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- 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 54.1794, 58.2536, 102.9962 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 54.1794, 58.2536, 102.9962 by changing the saturation by 10% instead.

■ 54.1794, 58.2536,
102.9962

■ 54.1794, 58.2536,
102.9962

392.9809,
418.1302, 591.0852

■ 38.9763, 42.0126,
78.1744

■ 95.4930, 102.2921,
167.3563

■ 26.9220, 29.1111,
57.6999

■ 122.3342,
130.8583, 207.7316

■ 17.6509, 19.1649,
41.1543

153.7855,
164.3017, 254.1284

■ 10.7978, 11.7895,
28.1191

190.2122,
203.0067, 306.9654

■ 5.9973, 6.6005,
18.1756

231.9798,
247.3576, 366.6610

■ 2.8841, 3.2135,
10.9054

279.4536,

■ 1.0928, 1.2442,

297.7389, 433.6338

5.8899

332.9988,
354.5350, 508.3024

■ 0.0191, 0.0974,
2.7105

■ 0.0000, 0.0000,
0.9487

■ 54.1794, 58.2536,
102.9962

■ 54.1794, 58.2536,
102.9962

■ 46.5915, 49.8254,
101.7694

■ 63.0834, 67.7632,
104.3625

■ 40.2433, 42.4254,
100.6756

■ 73.3640, 78.3911,
105.8720

■ 35.0579, 36.0050,
99.7096

■ 85.0836, 90.1799,
107.5298

■ 30.9464, 30.5076,
98.8652

95.0500, 100.0000,
108.9000

■ 27.8051, 25.8686,
98.1354

■ 25.4992, 22.0068,
97.5115

■ 25.0331, 21.1861,
97.3777

Harmonies

Analogous

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



48.7845, 58.2536, 94.6844



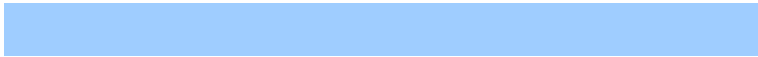
54.1794, 58.2536, 102.9962



60.2970, 58.2536, 99.2350

Triad

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



54.1794, 58.2536, 102.9962



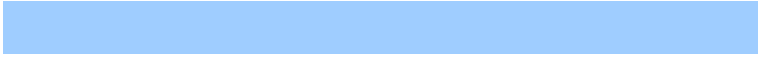
66.7615, 58.2536, 50.6770



46.4076, 58.2536, 45.7324

Complementary

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



54.1794, 58.2536, 102.9962



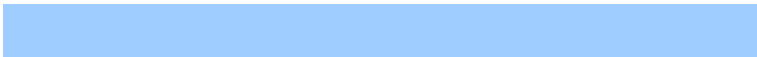
70.2990, 69.3645, 42.4863

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.



50.7157, 58.2536, 37.4738



54.1794, 58.2536, 102.9962



62.5193, 58.2536, 39.9407

Square

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



54.1794, 58.2536, 102.9962



67.8577, 58.2536, 66.9200



56.5745, 58.2536, 35.5664



44.5139, 58.2536, 60.0601

Rectangle

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



54.1794, 58.2536, 102.9962



63.9322, 58.2536, 90.6825



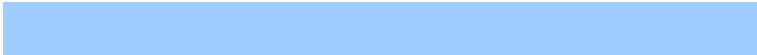
56.5745, 58.2536, 35.5664



47.6055, 58.2536, 42.2679

Sweetspot

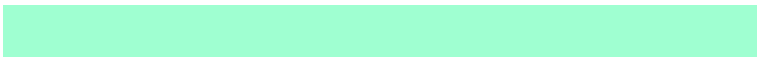
The Sweet Spot groups the original color and five complimentary colors.



54.1811, 58.2558, 102.9966



80.9881, 86.0934, 106.9569



61.5183, 83.4751, 72.9335



16.9906, 18.0821, 22.8447



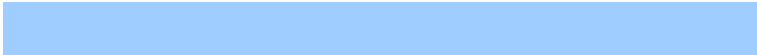
0.0000, 0.0000, 0.0000



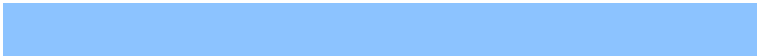
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1811, 58.2558, 102.9966



48.4755, 51.9533, 102.0808



45.0671, 39.5537, 99.8671



17.7212, 18.8139, 22.9474



13.2279, 11.3653, 50.9311



1.3966, 1.3238, 4.9952

Inverse Universe

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



64.6587, 50.4657, 64.0929



60.5317, 44.0401, 57.0801



82.6722, 94.9812, 46.7787



18.3719, 18.1321, 20.5756



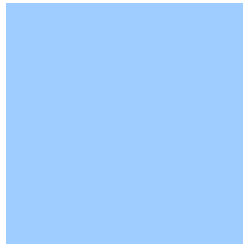
23.4650, 11.8753, 11.0991



2.3395, 1.1782, 1.3694

Previews

White Background



This preview shows how the XYZ color 54.1794, 58.2536, 102.9962 looks on a white background.

Color Contrast Check

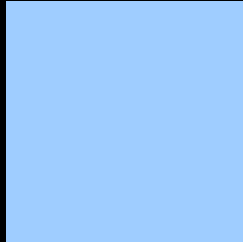
Large Text (above 18pt) WCAG AA × Fail

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 54.1794, 58.2536, 102.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

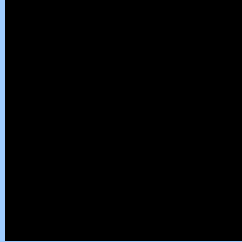
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

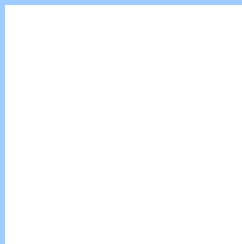
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1794, 58.2536, 102.9962

Background



This preview shows how black text looks on a background with the XYZ color 54.1794, 58.2536, 102.9962.



This preview shows how white text looks on a background with the XYZ color 54.1794, 58.2536,

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

54.1794, 58.2536, 102.9962

Protanopia

58.1884, 57.9817, 98.5672

Deuteranopia

59.2515, 58.0997, 102.6992



Tritanopia

49.8606, 58.3146, 81.3010

Trichromacy



Original Color

54.1794, 58.2536, 102.9962

Protanomaly

56.5888, 58.1487, 100.3367

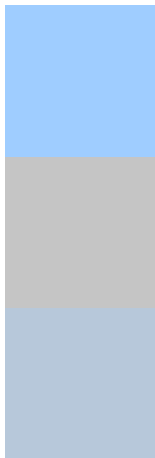
Deuteranomaly

57.2947, 58.1123, 102.8048

Tritanomaly

51.3595, 58.1947, 88.6465

Monochromacy



Original Color

54.1794, 58.2536, 102.9962

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8376, 56.4378, 74.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1794, 58.2536, 102.9962 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(159, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1794, 58.2536, 102.9962 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(159, 205, 255) }
```


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

```
.border{ border-color:rgb(159, 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(159, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1794, 58.2536, 102.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 205, 255) }
```

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

```
.background{ background-color: rgb(159,  
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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