

Converting Colors

XYZ(60.1877, 57.6831,
147.4709)

Have a look what the booklet for
XYZ(60.1877, 57.6831, 147.4709)
contains.

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Color

**XYZ(51.5338, 54.1211,
102.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC5FF
RGB	155, 197, 255
RGB Percent	61%, 77%, 100%
CMY	0.3921, 0.2274, 0.0000
CMYK	0.39, 0.23, 0.00, 0.00
HSL	215°, 100%, 80%
HSV	215°, 39%, 100%
XYZ	51.5338, 54.1211, 102.3380
YIQ	191.0540, -43.6500, 9.1340

Conversions

Conversions Part 2

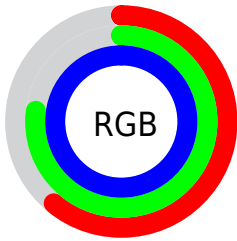
Format	Color
R _Y B	155, 185, 255
Decimal	10208767
CIE Lab	78.53, 0.25, -32.92
CIE LCh	79, 32.924, 270.429
Yxy	54.1211, 0.2478, 0.2602
Android (android.graphics.Color)	4288398847 (0xFF9BC5FF)
YUV	191.0540, 31.5254, -31.6194
Hunter-Lab	73.5670, -3.7029, -30.9805

Details

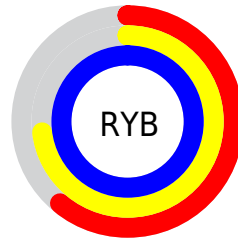
The XYZ color **51.5338, 54.1211, 102.3380** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.9512, 71.2155, 41.0186**, and the grayscale version is **49.3951, 51.9675, 56.5926**.

A 20% lighter version of the original color is **80.6432, 92.1007, 108.1346**, and **25.1611, 26.3748, 57.1908** is the 20% darker color. If you saturate the color by 10%, you get **43.9518, 45.4703, 101.0679**, and if you desaturate by 10%, it is **60.4818, 63.9676, 103.7670**.

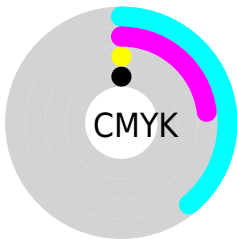
Distribution



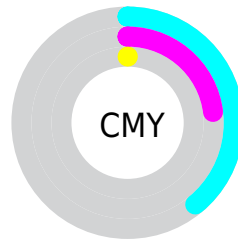
- Red (61%)
- Green (77%)
- Blue (100%)



- Red (61%)
- Yellow (73%)
- Blue (100%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5338, 54.1211, 102.3380 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 51.5338, 54.1211, 102.3380 by changing the saturation by 10% instead.

■ 51.5338, 54.1211,
102.3380

■ 51.5338, 54.1211,
102.3380

382.9877,
402.5716, 588.9734

■ 36.8564, 38.6985,
77.6268

■ 91.6216, 96.2520,
166.4463

■ 25.2695, 26.5253,
57.2528

■ 117.7628,
123.7291, 206.6804

■ 16.4077, 17.2170,
40.7975

148.4558,
155.9932, 252.9259

■ 9.9058, 10.3893,
27.8424

184.0662,
193.4286, 305.6014

■ 5.3983, 5.6578,
17.9689

224.9592,
236.4198, 365.1253

■ 2.5200, 2.6382,
10.7585

271.5002,

■ 0.9053, 0.9459,

285.3511, 431.9163

5.7925

324.0546,
340.6069, 506.3928

■ 0.0000, 0.0000,
2.6526

■ 0.0000, 0.0000,
0.9194

■ 51.5338, 54.1211,
102.3380

■ 51.5338, 54.1211,
102.3380

■ 43.9518, 45.4703,
101.0679

■ 60.4818, 63.9676,
103.7670

■ 37.6559, 37.9564,
99.9494

■ 70.8599, 75.0527,
105.3596

■ 32.5648, 31.5240,
98.9761

■ 82.7337, 87.4244,
107.1218

■ 28.5846, 26.1094,
98.1408

■ 95.0500, 100.0000,
108.9000

■ 25.6052, 21.6395,
97.4350

■ 23.4657, 18.0141,
96.8480

■ 23.3184, 17.7569,
96.8061

Harmonies

Analogous

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



45.5289, 54.1211, 95.7646



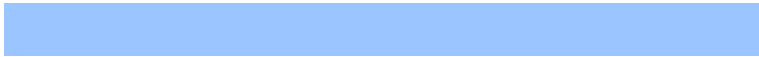
51.5338, 54.1211, 102.3380



58.0177, 54.1211, 95.3959

Triad

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



51.5338, 54.1211, 102.3380



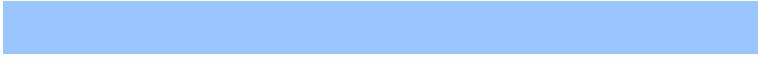
62.9588, 54.1211, 42.6295



41.3397, 54.1211, 43.0034

Complementary

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



51.5338, 54.1211, 102.3380



70.9512, 71.2155, 41.0186

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.



45.3801, 54.1211, 33.1882



51.5338, 54.1211, 102.3380



57.8429, 54.1211, 33.0064

Square

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



51.5338, 54.1211, 102.3380



64.9441, 54.1211, 58.6620



51.3473, 54.1211, 29.9461



39.9518, 54.1211, 59.1962

Rectangle

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



51.5338, 54.1211, 102.3380



61.6633, 54.1211, 84.7313



51.3473, 54.1211, 29.9461



42.4150, 54.1211, 38.9811

Sweetspot

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



51.5354, 54.1231, 102.3383



79.2719, 83.8459, 106.6135



61.1202, 83.2257, 74.9111



16.6288, 17.5949, 22.7697



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.



51.5354, 54.1231, 102.3383



45.5171, 47.2860, 101.3358



44.6055, 38.3110, 99.6515



17.6300, 18.6315, 22.9170



12.3242, 9.5580, 50.6299



1.3051, 1.1409, 4.9647

Inverse Universe

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



63.0405, 48.7355, 58.9097



58.7335, 42.1533, 51.2105



80.5065, 93.9042, 44.8944



18.3259, 18.1137, 20.3332



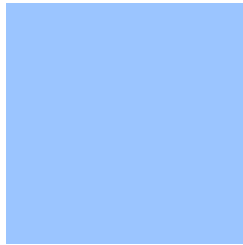
23.0089, 11.6928, 8.6972



2.2934, 1.1597, 1.1263

Previews

White Background



This preview shows how the XYZ color 51.5338, 54.1211, 102.3380 looks on a white background.

Color Contrast Check

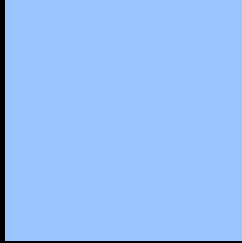
Large Text (above 18pt) WCAG AA × Fail

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 51.5338, 54.1211, 102.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

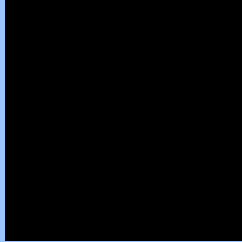
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

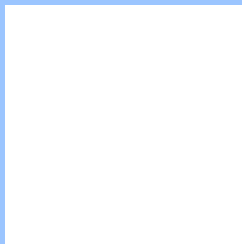
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5338, 54.1211, 102.3380

Background



This preview shows how black text looks on a background with the XYZ color 51.5338, 54.1211, 102.3380.



This preview shows how white text looks on a background with the XYZ color 51.5338, 54.1211,

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

51.5338, 54.1211, 102.3380

Protanopia

54.6223, 54.1293, 98.8359

Deuteranopia

55.2712, 54.0653, 102.1303



Tritanopia

46.1283, 53.9902, 75.7001

Trichromacy



Original Color

51.5338, 54.1211, 102.3380

Protanomaly

53.4400, 54.1579, 99.7324

Deuteranomaly

53.6975, 53.9060, 102.1825

Tritanomaly

47.9891, 54.0460, 84.9934

Monochromacy



Original Color

51.5338, 54.1211, 102.3380

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5677, 52.4599, 71.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5338, 54.1211, 102.3380 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(155, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 197, 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(155, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.5338, 54.1211, 102.3380 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(155, 197, 255) }
```


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

```
.border{ border-color:rgb(155, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5338, 54.1211, 102.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 197, 255) }
```

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

```
.background{ background-color: rgb(155,  
197, 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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