

Converting Colors

XYZ(51.3384, 55.0949, 94.1548)

Have a look what the booklet for
XYZ(51.3384, 55.0949, 94.1548)
contains.

XYZ(51.4338, 55.2721, 94.3439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.4338, 55.2721,
94.3439)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC8F5
RGB	159, 200, 245
RGB Percent	62%, 78%, 96%
CMY	0.3765, 0.2157, 0.0392
CMYK	0.35, 0.18, 0.00, 0.04
HSL	211°, 81%, 79%
HSV	211°, 35%, 96%
XYZ	51.4338, 55.2721, 94.3439
YIQ	192.8710, -38.8810, 5.3030

Conversions

Conversions Part 2

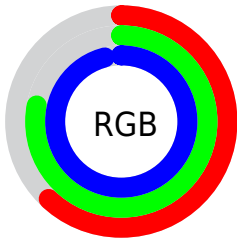
Format	Color
R _Y B	159, 187, 245
Decimal	10471669
CIE Lab	79.20, -2.89, -26.54
CIE LCh	79, 26.692, 263.793
Yxy	55.2721, 0.2558, 0.2749
Android (android.graphics.Color)	4288661749 (0xFF9FC8F5)
YUV	192.8710, 25.6996, -29.7049
Hunter-Lab	74.3452, -6.6135, -23.1972

Details

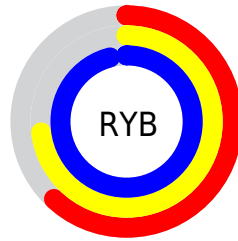
The XYZ color **51.4338, 55.2721, 94.3439** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.5081, 65.1023, 41.9160**, and the grayscale version is **50.4845, 53.1137, 57.8408**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **25.1731, 27.1749, 52.0626** is the 20% darker color. If you saturate the color by 10%, you get **44.2030, 47.3213, 93.1913**, and if you desaturate by 10%, it is **59.8799, 64.2214, 95.6271**.

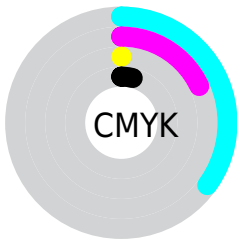
Distribution



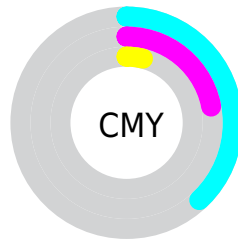
- Red (62%)
- Green (78%)
- Blue (96%)



- Red (62%)
- Yellow (73%)
- Blue (96%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4338, 55.2721, 94.3439 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 51.4338, 55.2721, 94.3439 by changing the saturation by 10% instead.

■ 51.4338, 55.2721,
94.3439

■ 51.4338, 55.2721,
94.3439

382.6068,
406.9425, 562.9930

■ 36.7764, 39.6196,
70.9952

■ 91.4749, 97.9395,
155.3456

■ 25.2073, 27.2421,
51.8564

■ 117.5892,
125.7232, 193.8357

■ 16.3611, 17.7551,
36.5092

148.2533,
158.3195, 238.2100

■ 9.8725, 10.7743,
24.5349

183.8325,
196.1127, 288.8870

■ 5.3761, 5.9153,
15.5150

224.6920,
239.4872, 346.2852

■ 2.5066, 2.7936,
9.0310

271.1974,

■ 0.8986, 1.0250,

288.8274, 410.8233

4.6643

323.7138,
344.5177, 482.9197

■ 0.0000, 0.0000,
1.9964

■ 0.0000, 0.0000,
0.5531

■ 51.4338, 55.2721,
94.3439

■ 51.4338, 55.2721,
94.3439

■ 44.2030, 47.3213,
93.1913

■ 59.8799, 64.2214,
95.6271

■ 38.1191, 40.3211,
92.1608

■ 69.5945, 74.2017,
97.0415

■ 33.1142, 34.2283,
91.2486

■ 80.6335, 85.2515,
98.5925

■ 29.1104, 28.9931,
90.4491

■ 92.3069, 97.0231,
100.2494

■ 26.0178, 24.5588,
89.7562

■ 93.4816, 99.3726,
100.6410

■ 23.7270, 20.8583,
89.1626

■ 22.8204, 19.2701,
88.9039

Harmonies

Analogous

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



46.7083, 55.2721, 87.1175



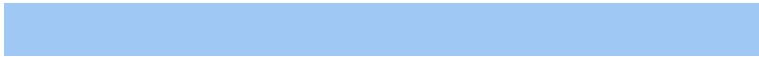
51.4338, 55.2721, 94.3439



56.7800, 55.2721, 91.2433

Triad

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



51.4338, 55.2721, 94.3439



62.4845, 55.2721, 49.0969



44.6889, 55.2721, 44.4510

Complementary

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



51.4338, 55.2721, 94.3439



65.5081, 65.1023, 41.9160

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.



48.5061, 55.2721, 37.1158



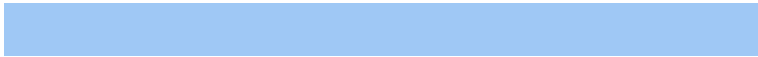
51.4338, 55.2721, 94.3439



58.8260, 55.2721, 39.4637

Square

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



51.4338, 55.2721, 94.3439



63.3996, 55.2721, 63.4126



53.6507, 55.2721, 35.4578



42.9875, 55.2721, 57.0629

Rectangle

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



51.4338, 55.2721, 94.3439



59.9536, 55.2721, 83.9612



53.6507, 55.2721, 35.4578



45.7542, 55.2721, 41.3785

Sweetspot

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



51.4356, 55.2742, 94.3452



80.9681, 86.0533, 106.9502



57.7831, 77.0094, 68.5914



16.9858, 18.0726, 22.8431



0.0000, 0.0000, 0.0000



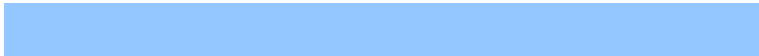
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4356, 55.2742, 94.3452



50.6591, 54.3354, 102.4255



43.4651, 38.9089, 91.6065



16.2329, 17.2301, 21.0127



12.4304, 10.6545, 47.9394



1.1947, 1.1408, 4.2475

Inverse Universe

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



60.4812, 48.3806, 60.7966



62.1185, 46.5302, 59.7162



76.0695, 86.9647, 45.5792



16.8281, 16.6141, 18.8415



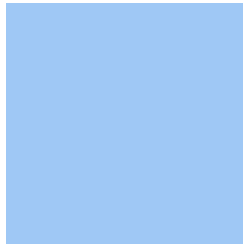
22.0788, 11.1750, 10.3892



1.9921, 1.0028, 1.1848

Previews

White Background



This preview shows how the XYZ color 51.4338, 55.2721, 94.3439 looks on a white background.

Color Contrast Check

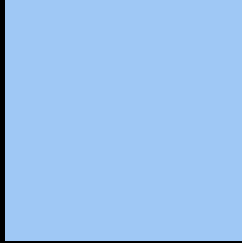
Large Text (above 18pt) WCAG AA × Fail

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 51.4338, 55.2721, 94.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

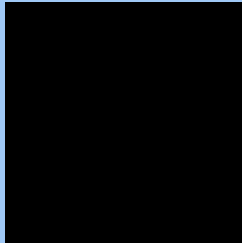
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

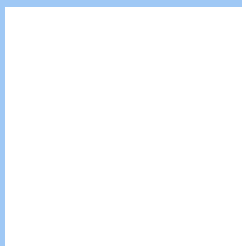
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4338, 55.2721, 94.3439

Background



This preview shows how black text looks on a background with the XYZ color 51.4338, 55.2721, 94.3439.



This preview shows how white text looks on a background with the XYZ color 51.4338, 55.2721,

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

51.4338, 55.2721, 94.3439

Protanopia

55.1766, 55.2487, 90.9750

Deuteranopia

56.3772, 55.1060, 95.6608



Tritanopia

47.7809, 55.1785, 76.5388

Trichromacy



Original Color

51.4338, 55.2721, 94.3439

Protanomaly

53.6714, 55.1208, 91.8150

Deuteranomaly

54.2811, 55.0311, 94.9499

Tritanomaly

49.1564, 55.3936, 82.9641

Monochromacy



Original Color

51.4338, 55.2721, 94.3439

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6796, 54.0571, 70.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4338, 55.2721, 94.3439 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, 200, 245)` looks like.

```
.text, #text, p{  
    color:rgb(159, 200, 245)  
}
```

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, 200, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 200, 245) }
```

Border

The CSS property to change the border of an element to XYZ 51.4338, 55.2721, 94.3439 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, 200, 245) }
```


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

```
.border{ border-color:rgb(159, 200, 245) }
```

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

Here you see how a box with a 4 pixel rgb(159, 200, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 200, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 200, 245);  
box-shadow:4px 4px 4px 4px rgb(159, 200,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4338, 55.2721, 94.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 200, 245) }
```

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

```
.background{ background-color: rgb(159,  
200, 245) }
```

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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