

Converting Colors

XYZ(68.0308, 61.8573,
181.4898)

Have a look what the booklet for
XYZ(68.0308, 61.8573, 181.4898)
contains.

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Color

**XYZ(53.0024, 55.8995,
102.6039)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC8FF
RGB	159, 200, 255
RGB Percent	62%, 78%, 100%
CMY	0.3765, 0.2157, 0.0000
CMYK	0.38, 0.22, 0.00, 0.00
HSL	214°, 100%, 81%
HSV	214°, 38%, 100%
XYZ	53.0024, 55.8995, 102.6039
YIQ	194.0110, -42.0910, 8.4130

Conversions

Conversions Part 2

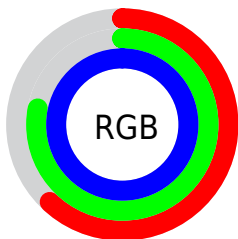
Format	Color
R_{YB}	159, 188, 255
Decimal	10471679
CIE Lab	79.56, -0.33, -31.33
CIE LCh	80, 31.328, 269.393
Yxy	55.8995, 0.2506, 0.2643
Android (android.graphics.Color)	4288661759 (0xFF9FC8FF)
YUV	194.0110, 30.0676, -30.7046
Hunter-Lab	74.7660, -4.2999, -29.0295

Details

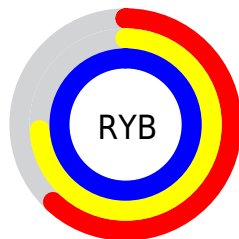
The XYZ color **53.0024, 55.8995, 102.6039** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5452, 71.8570, 42.9019**, and the grayscale version is **51.1318, 53.7946, 58.5823**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **26.1808, 27.5780, 57.3693** is the 20% darker color. If you saturate the color by 10%, you get **45.2343, 47.1109, 101.3169**, and if you desaturate by 10%, it is **62.1402, 65.8766, 104.0481**.

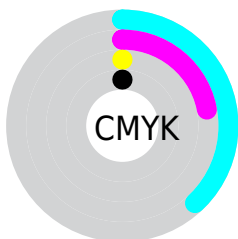
Distribution



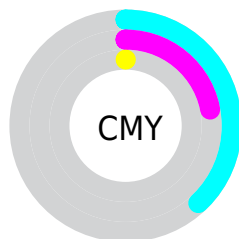
- Red (62%)
- Green (78%)
- Blue (100%)



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



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0024, 55.8995, 102.6039 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 53.0024, 55.8995, 102.6039 by changing the saturation by 10% instead.

■ 53.0024, 55.8995,
102.6039

■ 53.0024, 55.8995,
102.6039

388.5550,
409.3126, 589.8270

■ 38.0322, 40.1224,
77.8480

■ 93.7734, 98.8576,
166.8140

■ 26.1850, 27.6340,
57.4334

■ 120.3049,
126.8074, 207.1052

■ 17.0955, 18.0499,
40.9416

151.4209,
159.5835, 253.4119

■ 10.3983, 10.9858,
27.9541

187.4866,
197.5703, 306.1526

■ 5.7281, 6.0573,
18.0523

228.8676,
241.1522, 365.7460

■ 2.7196, 2.8800,
10.8177

275.9291,

■ 1.0073, 1.0694,

290.7137, 432.6105

5.8318

329.0364,
346.6390, 507.1646

■ 0.0000, 0.0000,
2.6759

■ 0.0000, 0.0000,
0.9313

■ 53.0024, 55.8995,
102.6039

■ 53.0024, 55.8995,
102.6039

■ 45.2343, 47.1109,
101.3169

■ 62.1402, 65.8766,
104.0481

■ 38.7573, 39.4532,
100.1802

■ 72.7103, 77.0837,
105.6541

■ 33.4918, 32.8726,
99.1876

■ 84.7776, 89.5678,
107.4278

■ 29.3463, 27.3074,
98.3319

■ 95.0500, 100.0000,
108.9000

■ 26.2143, 22.6871,
97.6051

■ 23.9579, 18.9242,
96.9978

■ 23.5089, 18.1378,
96.8696

Harmonies

Analogous

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



47.1941, 55.8995, 95.9060



53.0024, 55.8995, 102.6039



59.3058, 55.8995, 96.4052

Triad

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



53.0024, 55.8995, 102.6039



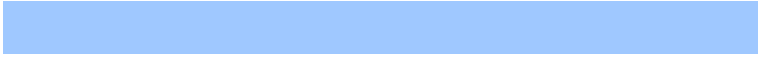
64.4092, 55.8995, 45.3652



43.3645, 55.8995, 44.8432

Complementary

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



53.0024, 55.8995, 102.6039



71.5452, 71.8570, 42.9019

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.



47.4000, 55.8995, 35.3487



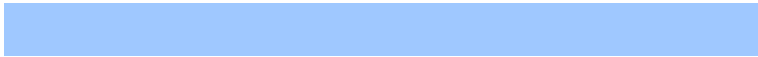
53.0024, 55.8995, 102.6039



59.5456, 55.8995, 35.6055

Square

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



53.0024, 55.8995, 102.6039



66.1990, 55.8995, 61.2338



53.2594, 55.8995, 32.3292



41.9066, 55.8995, 60.4978

Rectangle

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



53.0024, 55.8995, 102.6039



62.8766, 55.8995, 86.3762



53.2594, 55.8995, 32.3292



44.4480, 55.8995, 40.9478

Sweetspot

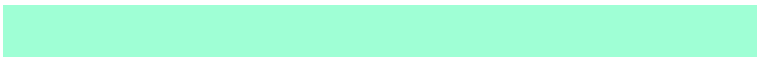
The Sweet Spot groups the original color and five complimentary colors.



53.0041, 55.9016, 102.6042



80.5588, 85.2348, 106.8138



62.1203, 83.7159, 76.1033



16.8885, 17.8778, 22.8106



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.



53.0041, 55.9016, 102.6042



47.1607, 49.3239, 101.6426



46.0502, 40.0606, 99.9131



17.6408, 18.6533, 22.9206



12.4248, 9.7593, 50.6635



1.3155, 1.1616, 4.9682

Inverse Universe

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



64.0646, 50.2281, 60.9642



59.8681, 43.7747, 53.5856



80.9430, 94.0897, 46.6979



18.3314, 18.1159, 20.3621



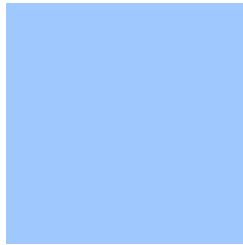
23.0597, 11.7132, 8.9647



2.2986, 1.1618, 1.1538

Previews

White Background



This preview shows how the XYZ color 53.0024, 55.8995, 102.6039 looks on a white background.

Color Contrast Check

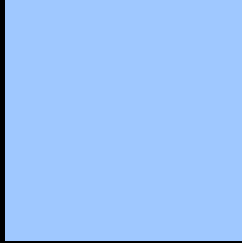
Large Text (above 18pt) WCAG AA × Fail

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 53.0024, 55.8995, 102.6039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

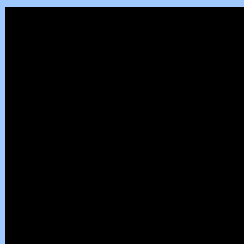
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

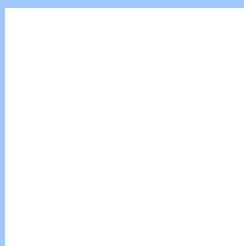
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0024, 55.8995, 102.6039

Background



This preview shows how black text looks on a background with the XYZ color 53.0024, 55.8995, 102.6039.



This preview shows how white text looks on a background with the XYZ color 53.0024, 55.8995,

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

53.0024, 55.8995, 102.6039

Protanopia

55.9958, 55.4937, 99.0268

Deuteranopia

56.8871, 55.5503, 102.3317



Tritanopia

48.0186, 55.9958, 77.3847

Trichromacy



Original Color

53.0024, 55.8995, 102.6039

Protanomaly

54.7662, 55.5068, 99.9229

Deuteranomaly

55.4691, 55.8138, 102.4573

Tritanomaly

49.7706, 55.9963, 86.0271

Monochromacy



Original Color

53.0024, 55.8995, 102.6039

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1907, 54.2615, 72.7412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0024, 55.8995, 102.6039 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 200, 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, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0024, 55.8995, 102.6039 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, 255) }
```


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

```
.border{ border-color:rgb(159, 200, 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, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 200, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 200, 255); box-shadow:4px 4px 4px 4px rgb(159, 200, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0024, 55.8995, 102.6039 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, 255) }
```

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

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