

Converting Colors

XYZ(54.2679, 79.0809,
102.2559)

Have a look what the booklet for
XYZ(54.2679, 79.0809, 102.2559)
contains.

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Color

**XYZ(54.2241, 79.0634,
102.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFF9
RGB	51, 255, 249
RGB Percent	20%, 100%, 98%
CMY	0.7999, 0.0000, 0.0235
CMYK	0.80, 0.00, 0.02, 0.00
HSL	178°, 100%, 60%
HSV	178°, 80%, 100%
XYZ	54.2241, 79.0634, 102.0254
YIQ	193.3200, -119.6580, -45.1140

Conversions

Conversions Part 2

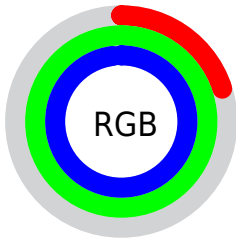
Format	Color
R_{YB}	51, 155, 255
Decimal	3407865
CIE _{Lab}	91.26, -47.65, -10.77
CIE _{LCh}	91, 48.855, 192.740
Yxy	79.0634, 0.2304, 0.3360
Android (android.graphics.Color)	4281597945 (0xFF33FFF9)
YUV	193.3200, 27.4502, -124.8146
Hunter-Lab	88.9176, -46.7522, -5.7879

Details

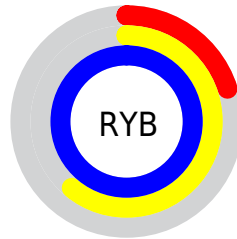
The XYZ color **54.2241, 79.0634, 102.0254** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.1634, 23.9247, 6.2158**, and the grayscale version is **50.7733, 53.4174, 58.1716**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **29.5919, 43.7828, 57.3433** is the 20% darker color. If you saturate the color by 10%, you get **53.1562, 78.5263, 101.3675**, and if you desaturate by 10%, it is **55.9981, 79.9643, 102.7217**.

Distribution



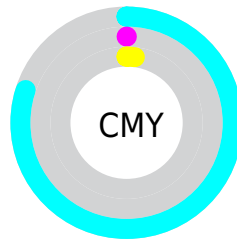
- Red (20%)
- Green (100%)
- Blue (98%)



- Red (20%)
- Yellow (61%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2241, 79.0634, 102.0254 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 54.2241, 79.0634, 102.0254 by changing the saturation by 10% instead.

54.2241, 79.0634,
102.0254

54.2241, 79.0634,
102.0254

393.1484,
491.7708, 587.9690

39.0122, 58.9479,
77.3668

95.5582, 132.0481,
166.0139

26.9500, 42.5712,
57.0406

122.4111,
165.6862, 206.1808

17.6721, 29.5488,
40.6283

153.8751,
204.6005, 252.3543

10.8131, 19.4964,
27.7112

190.3155,
249.1756, 304.9529

6.0076, 12.0295,
17.8710

232.0977,
299.7957, 364.3952

2.8904, 6.7638,
10.6889

279.5870,

1.0961, 3.3148,

356.8454, 431.0996

5.7465

333.1488,
420.7090, 505.4847

■ 0.0218, 1.2982,
2.6253

■ 0.0000, 0.1398,
0.9055

■ 54.2241, 79.0634,
102.0254

■ 54.2241, 79.0634,
102.0254

■ 53.1562, 78.5263,
101.3675

■ 55.9981, 79.9643,
102.7217

■ 52.6263, 78.2666,
100.7357

■ 58.5754, 81.2794,
103.4565

■ 52.6260, 78.2664,
100.7353

■ 62.0418, 83.0527,
104.2354

■ 66.4709, 85.3223,
105.0619

71.9288, 88.1222,
105.9389

78.4759, 91.4835,
106.8693

86.1677, 95.4349,
107.8558

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



54.6163, 79.0634, 67.3886



54.2241, 79.0634, 102.0254



58.9739, 79.0634, 141.1867

Triad

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



54.2241, 79.0634, 102.0254



92.5021, 79.0634, 146.5450



82.4397, 79.0634, 35.9880

Complementary

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



54.2241, 79.0634, 102.0254



43.1634, 23.9247, 6.2158

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.



94.0365, 79.0634, 47.5894



54.2241, 79.0634, 102.0254



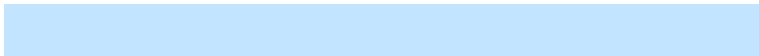
100.2698, 79.0634, 107.9581

Square

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



54.2241, 79.0634, 102.0254



80.5241, 79.0634, 171.2521



100.8604, 79.0634, 71.9008



70.0155, 79.0634, 35.2149

Rectangle

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



54.2241, 79.0634, 102.0254



64.7556, 79.0634, 162.0916



100.8604, 79.0634, 71.9008



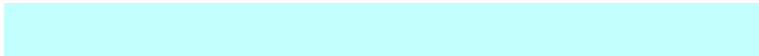
86.5954, 79.0634, 38.5659

Sweetspot

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



54.2252, 79.0639, 102.0269



75.7184, 90.0675, 106.4900



38.0921, 72.6532, 15.1497



15.7144, 19.0253, 22.7226



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.



54.2252, 79.0639, 102.0269



52.8002, 78.3508, 100.9860



31.9536, 32.9992, 99.2931



18.5304, 20.4717, 23.0962



27.5086, 40.9000, 52.6909



2.6854, 3.9851, 5.1672

Inverse Universe

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



43.1634, 23.9247, 6.2158



41.4550, 21.5232, 2.5163



52.1490, 42.1214, 8.5156



18.0310, 17.9957, 18.7806



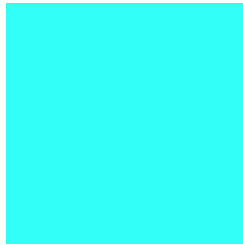
21.5796, 11.1211, 1.1707



2.1084, 1.0857, 0.1523

Previews

White Background



This preview shows how the XYZ color 54.2241, 79.0634, 102.0254 looks on a white background.

Color Contrast Check

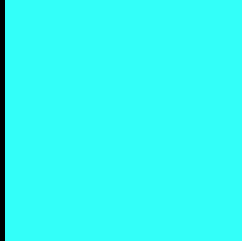
Large Text (above 18pt) WCAG AA × Fail

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 54.2241, 79.0634, 102.0254 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 54.2241, 79.0634, 102.0254

Background



This preview shows how black text looks on a background with the XYZ color 54.2241, 79.0634, 102.0254.

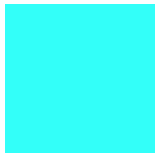


This preview shows how white text looks on a background with the XYZ color 54.2241, 79.0634,

Color Blindness Simulation

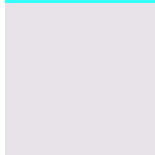
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



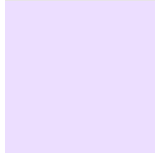
Original Color

54.2241, 79.0634, 102.0254



Protanopia

74.9896, 77.7533, 87.3994



Deuteranopia

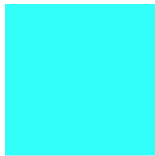
78.7633, 77.2954, 105.3760



Tritanopia

64.1002, 78.0952, 106.3032

Trichromacy



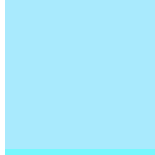
Original Color

54.2241, 79.0634, 102.0254



Protanomaly

61.4427, 74.8484, 92.0977



Deuteranomaly

63.5146, 74.3725, 103.9363



Tritanomaly

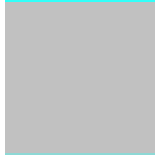
58.7361, 77.6064, 104.8123

Monochromacy



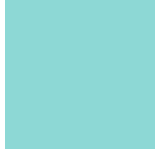
Original Color

54.2241, 79.0634, 102.0254



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

47.5506, 59.5785, 71.9444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2241, 79.0634, 102.0254 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(51, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 249)  
}
```

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(51, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 54.2241, 79.0634, 102.0254 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(51, 255, 249) }
```


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

```
.border{ border-color:rgb(51, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2241, 79.0634, 102.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 249) }
```

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

```
.background{ background-color: rgb(51, 255,  
249) }
```

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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