

Converting Colors

XYZ(55.0729, 79.5071,
101.7866)

Have a look what the booklet for
XYZ(55.0729, 79.5071, 101.7866)
contains.

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Color

**XYZ(55.1056, 79.5178,
102.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	42FFF9
RGB	66, 255, 249
RGB Percent	26%, 100%, 98%
CMY	0.7411, 0.0000, 0.0235
CMYK	0.74, 0.00, 0.02, 0.00
HSL	178°, 100%, 63%
HSV	178°, 74%, 100%
XYZ	55.1056, 79.5178, 102.0666
YIQ	197.8050, -110.7180, -41.9340

Conversions

Conversions Part 2

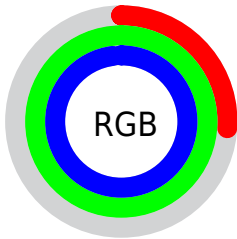
Format	Color
RYB	66, 162, 255
Decimal	4390905
CIELab	91.47, -46.30, -10.45
CIELCh	91, 47.465, 192.714
Yxy	79.5178, 0.2328, 0.3360
Android (android.graphics.Color)	4282580985 (0xFF42FFF9)
YUV	197.8050, 25.2391, -115.5930
Hunter-Lab	89.1728, -45.7456, -5.4421

Details

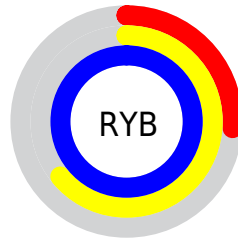
The XYZ color **55.1056, 79.5178, 102.0666** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **44.3590, 25.6259, 8.7410**, and the grayscale version is **53.4597, 56.2438, 61.2495**.

A 20% lighter version of the original color is **64.9653, 84.4908, 107.4921**, and **29.5919, 43.7828, 57.3433** is the 20% darker color. If you saturate the color by 10%, you get **53.6283, 78.7707, 101.3413**, and if you desaturate by 10%, it is **57.3508, 80.6606, 102.8336**.

Distribution



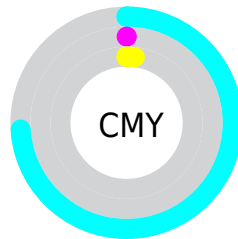
- Red (26%)
- Green (100%)
- Blue (98%)



- Red (26%)
- Yellow (64%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (74%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1056, 79.5178, 102.0666 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 55.1056, 79.5178, 102.0666 by changing the saturation by 10% instead.


 55.1056, 79.5178,
102.0666


 55.1056, 79.5178,
102.0666


396.4420,
493.3063, 588.1014


 39.7205, 59.3216,
77.4011


 96.8431, 132.6876,
166.0709


 27.5039, 42.8721,
57.0686


 123.9261,
166.4300, 206.2467

 18.0906, 29.7848,
40.6506


 155.6392,
205.4566, 252.4297

 11.1151, 19.6753,
27.7285

 192.3476,
250.1517, 305.0384

 6.2122, 12.1592,
17.8839

234.4167,
300.8999, 364.4914

 3.0164, 6.8522,
10.6981

282.2119,

 1.1624, 3.3698,

358.0855, 431.2072

5.7526

336.0986,
422.0928, 505.6044

■ 0.0764, 1.3277,
2.6289

■ 0.0000, 0.1625,
0.9073

■ 55.1056, 79.5178,
102.0666

■ 55.1056, 79.5178,
102.0666

■ 53.6283, 78.7707,
101.3413

■ 57.3508, 80.6606,
102.8336

■ 52.8049, 78.3607,
100.6479

■ 60.4506, 82.2439,
103.6420

■ 52.5341, 78.2296,
100.2511

■ 64.4839, 84.3084,
104.4969

■ 69.5197, 86.8896,
105.4015

75.6205, 90.0198,
106.3589

82.8437, 93.7286,
107.3717

91.2427, 98.0435,
108.4423

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.



55.4951, 79.5178, 68.2769



55.1056, 79.5178, 102.0666



59.7617, 79.5178, 140.0143

Triad

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



55.1056, 79.5178, 102.0666



92.4601, 79.5178, 145.2493



82.6951, 79.5178, 37.3215

Complementary

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



55.1056, 79.5178, 102.0666



44.3590, 25.6259, 8.7410

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.



93.9673, 79.5178, 48.8347



55.1056, 79.5178, 102.0666



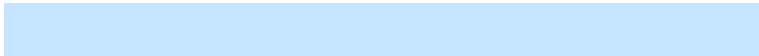
100.0044, 79.5178, 107.8957

Square

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



55.1056, 79.5178, 102.0666



80.8088, 79.5178, 169.0584



100.5836, 79.5178, 72.7474



70.5804, 79.5178, 36.5430

Rectangle

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



55.1056, 79.5178, 102.0666



65.4209, 79.5178, 160.2003



100.5836, 79.5178, 72.7474



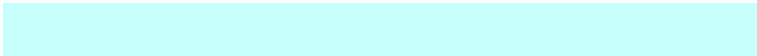
86.7383, 79.5178, 39.8881

Sweetspot

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



55.1067, 79.5183, 102.0681



77.0513, 90.7543, 106.5682



39.4395, 73.3032, 17.2264



16.1010, 19.2244, 22.7526



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.



55.1067, 79.5183, 102.0681



53.1520, 78.5323, 100.9986



34.0807, 35.9450, 99.7496



18.5285, 20.4709, 23.0860



27.4613, 40.8811, 52.4421



2.6813, 3.9835, 5.1458

Inverse Universe

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



44.3590, 25.6259, 8.7410



41.9636, 22.2157, 3.6862



53.8135, 44.8329, 10.9735



18.0327, 17.9964, 18.7896



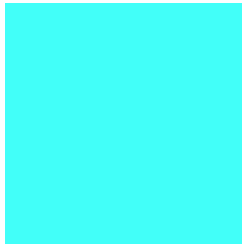
21.5820, 11.1221, 1.1836



2.1092, 1.0861, 0.1566

Previews

White Background



This preview shows how the XYZ color 55.1056, 79.5178, 102.0666 looks on a white background.

Color Contrast Check

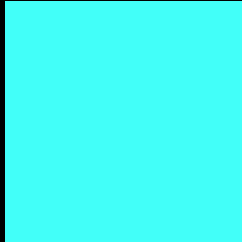
Large Text (above 18pt) WCAG AA × Fail

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 55.1056, 79.5178, 102.0666 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

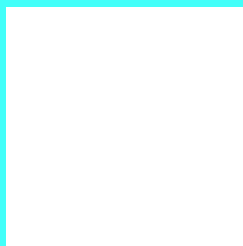
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1056, 79.5178, 102.0666

Background



This preview shows how black text looks on a background with the XYZ color 55.1056, 79.5178, 102.0666.

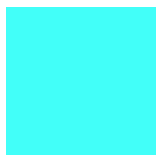


This preview shows how white text looks on a background with the XYZ color 55.1056, 79.5178,

Color Blindness Simulation

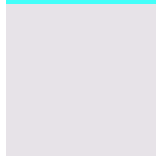
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



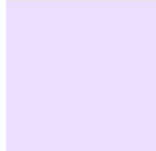
Original Color

55.1056, 79.5178, 102.0666



Protanopia

74.9896, 77.7533, 87.3994



Deuteranopia

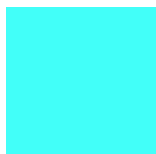
79.3627, 77.9999, 105.4804



Tritanopia

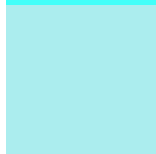
64.9064, 78.5108, 106.3409

Trichromacy



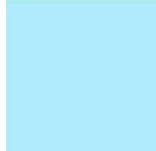
Original Color

55.1056, 79.5178, 102.0666



Protanomaly

62.5114, 75.3993, 92.1477



Deuteranomaly

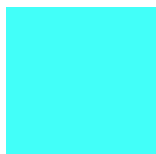
65.1171, 75.6225, 104.0931



Tritanomaly

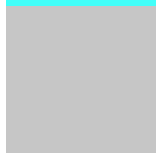
59.8925, 78.2026, 104.8664

Monochromacy



Original Color

55.1056, 79.5178, 102.0666



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.4336, 62.1568, 74.9850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1056, 79.5178, 102.0666 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(66, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(66, 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(66, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 55.1056, 79.5178, 102.0666 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(66, 255, 249) }
```


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

```
.border{ border-color:rgb(66, 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(66, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(66, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1056, 79.5178, 102.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 255, 249) }
```

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

```
.background{ background-color: rgb(66, 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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