

Converting Colors

XYZ(55.0160, 79.6205, 95.3364)

Have a look what the booklet for
XYZ(55.0160, 79.6205, 95.3364)
contains.

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Color

**XYZ(55.1169, 79.6647,
95.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	52FFF1
RGB	82, 255, 241
RGB Percent	32%, 100%, 95%
CMY	0.6784, 0.0000, 0.0549
CMYK	0.68, 0.00, 0.05, 0.00
HSL	175°, 100%, 66%
HSV	175°, 68%, 100%
XYZ	55.1169, 79.6647, 95.6910
YIQ	201.6770, -98.6140, -41.0300

Conversions

Conversions Part 2

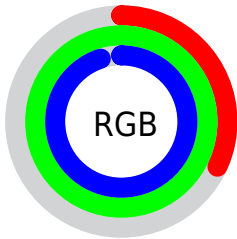
Format	Color
RYB	82, 172, 255
Decimal	5439473
CIELab	91.53, -46.56, -6.17
CIELCh	92, 46.965, 187.548
Yxy	79.6647, 0.2391, 0.3457
Android (android.graphics.Color)	4283629553 (0xFF52FFF1)
YUV	201.6770, 19.3862, -104.9567
Hunter-Lab	89.2551, -45.9689, -1.0867

Details

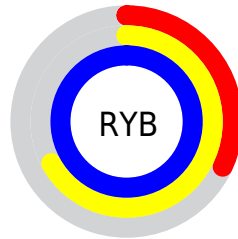
The XYZ color **55.1169, 79.6647, 95.6910** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **46.3697, 28.1408, 14.0560**, and the grayscale version is **55.8663, 58.7757, 64.0067**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **28.7232, 43.4353, 52.7689** is the 20% darker color. If you saturate the color by 10%, you get **52.9904, 78.6039, 93.9929**, and if you desaturate by 10%, it is **58.0724, 81.1525, 97.4490**.

Distribution



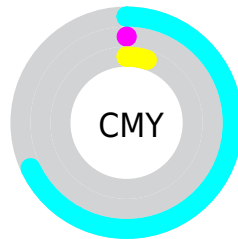
- Red (32%)
- Green (100%)
- Blue (95%)



- Red (32%)
- Yellow (67%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (68%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1169, 79.6647, 95.6910 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 55.1169, 79.6647, 95.6910 by changing the saturation by 10% instead.


 55.1169, 79.6647,
95.6910


 55.1169, 79.6647,
95.6910


396.4841,
493.8021, 567.4155


 39.7295, 59.4425,
72.1102


 96.8595, 132.8942,
157.2227


 27.5110, 42.9694,
52.7613


 123.9455,
166.6703, 196.0106

 18.0959, 29.8611,
37.2258


 155.6617,
205.7331, 240.7047

 11.1190, 19.7332,
25.0852

 192.3736,
250.4671, 291.7234

 6.2148, 12.2013,
15.9210

234.4464,
301.2566, 349.4853

 3.0180, 6.8809,
9.3145

282.2455,

 1.1633, 3.3877,

358.4860, 414.4089

4.8473

336.1363,
422.5397, 486.9128

■ 0.0771, 1.3373,
2.1008

■ 0.0000, 0.1698,
0.6162

■ 55.1169, 79.6647,
95.6910

■ 55.1169, 79.6647,
95.6910

■ 52.9904, 78.6039,
93.9929

■ 58.0724, 81.1525,
97.4490

■ 51.5932, 77.9186,
92.3456

■ 61.9355, 83.1078,
99.2663

■ 50.7972, 77.5428,
90.7446

■ 66.7793, 85.5682,
101.1479

■ 50.6639, 77.4816,
90.4029

■ 72.6683, 88.5671,
103.0968

■ 79.6619, 92.1350,
105.1159

■ 87.8149, 96.3001,
107.2077

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.



56.3768, 79.6647, 63.9233



55.1169, 79.6647, 95.6910



58.8970, 79.6647, 133.4336

Triad

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



55.1169, 79.6647, 95.6910



90.6297, 79.6647, 150.2030



84.8538, 79.6647, 38.9695

Complementary

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



55.1169, 79.6647, 95.6910



46.3697, 28.1408, 14.0560

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.



95.4728, 79.6647, 52.4519



55.1169, 79.6647, 95.6910



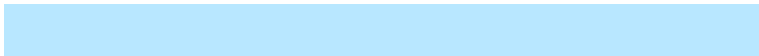
99.0450, 79.6647, 114.4303

Square

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



55.1169, 79.6647, 95.6910



78.7826, 79.6647, 169.8713



100.9047, 79.6647, 78.3678



72.7357, 79.6647, 36.4307

Rectangle

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



55.1169, 79.6647, 95.6910



64.0276, 79.6647, 155.1023



100.9047, 79.6647, 78.3678



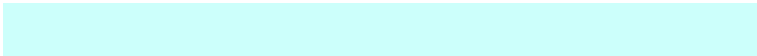
88.7532, 79.6647, 42.1600

Sweetspot

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



55.1180, 79.6653, 95.6925



78.0544, 91.3144, 104.6735



42.1522, 74.6393, 20.1698



16.2764, 19.3254, 22.2824



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.



55.1180, 79.6653, 95.6925



52.4750, 78.3493, 93.4668



38.4477, 42.8486, 100.8519



18.4877, 20.4546, 22.8712



26.4995, 40.4964, 47.3772



2.5982, 3.9502, 4.7079

Inverse Universe

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



46.3697, 28.1408, 14.0560



43.2743, 23.7945, 7.3379



54.3337, 45.0100, 13.8087



18.0690, 18.0109, 18.9806



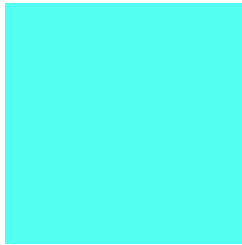
21.6384, 11.1447, 1.4806



2.1264, 1.0929, 0.2470

Previews

White Background



This preview shows how the XYZ color 55.1169, 79.6647, 95.6910 looks on a white background.

Color Contrast Check

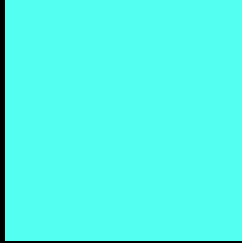
Large Text (above 18pt) WCAG AA × Fail

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 55.1169, 79.6647, 95.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

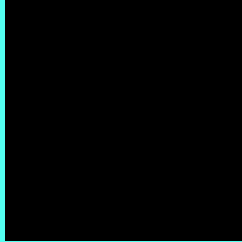
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

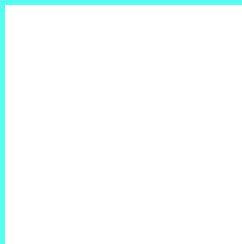
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1169, 79.6647, 95.6910

Background



This preview shows how black text looks on a background with the XYZ color 55.1169, 79.6647, 95.6910.



This preview shows how white text looks on a background with the XYZ color 55.1169, 79.6647,

Color Blindness Simulation

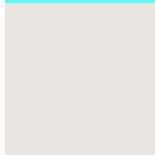
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



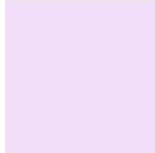
Original Color

55.1169, 79.6647, 95.6910



Protanopia

75.2657, 78.4155, 82.4029



Deuteranopia

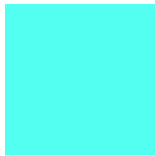
79.6825, 77.8971, 99.6429



Tritanopia

65.5280, 78.8313, 106.3700

Trichromacy



Original Color

55.1169, 79.6647, 95.6910



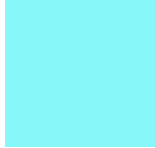
Protanomaly

63.5887, 76.5023, 87.0162



Deuteranomaly

65.6714, 75.6286, 97.5227



Tritanomaly

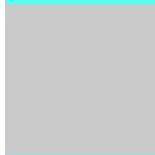
60.5078, 78.5746, 102.4198

Monochromacy



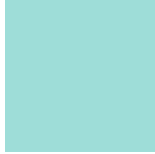
Original Color

55.1169, 79.6647, 95.6910



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

52.3517, 63.9399, 74.5482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1169, 79.6647, 95.6910 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(82, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(82, 255, 241)  
}
```

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(82, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.1169, 79.6647, 95.6910 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(82, 255, 241) }
```


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

```
.border{ border-color:rgb(82, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1169, 79.6647, 95.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 241) }
```

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

```
.background{ background-color: rgb(82, 255,  
241) }
```

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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