

Converting Colors

XYZ(69.7257, 109.7311,
44.1513)

Have a look what the booklet for
XYZ(69.7257, 109.7311, 44.1513)
contains.

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Color

**XYZ(55.3680, 81.0379,
39.5117)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A0FF91 |
| RGB | 160, 255, 145 |
| RGB Percent | 63%, 100%, 57% |
| CMY | 0.3725, 0.0000, 0.4314 |
| CMYK | 0.37, 0.00, 0.43, 0.00 |
| HSL | 112°, 100%, 78% |
| HSV | 112°, 43%, 100% |
| XYZ | 55.3680, 81.0379, 39.5117 |
| YIQ | 214.0550, -21.3100, -54.3500 |

Conversions

Conversions Part 2

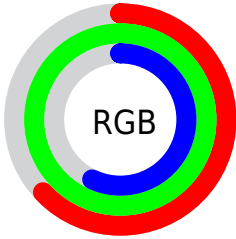
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 145, 255, 240 |
| Decimal | 10551185 |
| CIELab | 92.15, -48.57, 43.81 |
| CIELCh | 92, 65.411, 137.953 |
| Yxy | 81.0379, 0.3147, 0.4607 |
| Android (android.graphics.Color) | 4288741265 (0xFFA0FF91) |
| YUV | 214.0550, -34.0441, -47.4062 |
| Hunter-Lab | 90.0211, -47.7493, 36.9914 |

Details

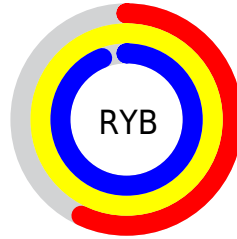
The XYZ color **55.3680, 81.0379, 39.5117** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **64.1118, 45.9974, 100.1071**, and the grayscale version is **64.1855, 67.5281, 73.5381**.

A 20% lighter version of the original color is **75.0988, 90.5956, 68.1721**, and **27.7194, 44.0444, 17.1657** is the 20% darker color. If you saturate the color by 10%, you get **49.5976, 78.2654, 30.1042**, and if you desaturate by 10%, it is **62.3604, 84.3893, 51.2822**.

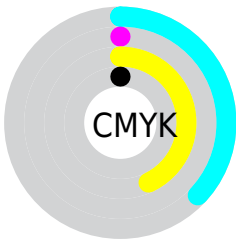
Distribution



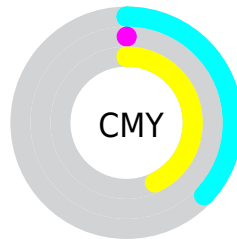
- Red (63%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3680, 81.0379, 39.5117 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 55.3680, 81.0379, 39.5117 by changing the saturation by 10% instead.


 55.3680, 81.0379,
39.5117


 55.3680, 81.0379,
39.5117


397.4191,
498.4238, 359.5519

 39.9314, 60.5728,
26.8471


 97.2251, 134.8240,
75.6483

 27.6691, 43.8805,
17.2270


 124.3764,
168.9138, 99.9574

 18.2155, 30.5766,
10.2328


156.1632,
208.3139, 128.9852

 11.2055, 20.2766,
5.4460

192.9511,
253.4088, 163.1501

 6.2735, 12.5963,
2.4480

235.1052,
304.5828, 202.8706

 3.0543, 7.1511,
0.8124

282.9910,

 1.1826, 3.5568,

362.2204, 248.5654

0.0000

336.9739,
426.7059, 300.6530

0.0925, 1.4289,
0.0000

0.0000, 0.2379,
0.0000

55.3680, 81.0379,
39.5117

55.3680, 81.0379,
39.5117

49.5976, 78.2654,
30.1042

62.3604, 84.3893,
51.2822

44.9769, 76.0381,
22.8967

70.6389, 88.3497,
65.5564

41.4278, 74.3196,
17.7113

80.2643, 92.9474,
82.4687

38.8617, 73.0686,
14.3412

91.2934, 98.2091,
102.1426

■ 37.1749, 72.2372, 95.0500, 100.0000,
12.5351 108.9000

■ 36.4453, 71.8733,
11.9521

Harmonies

Analogous

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



67.4559, 81.0379, 26.0988



55.3680, 81.0379, 39.5117



49.4667, 81.0379, 70.2395

Triad

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



55.3680, 81.0379, 39.5117



70.4529, 81.0379, 213.7705



112.1701, 81.0379, 62.5973

Complementary

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



55.3680, 81.0379, 39.5117



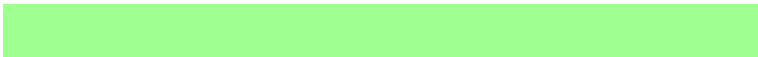
64.1118, 45.9974, 100.1071

Split Complementary

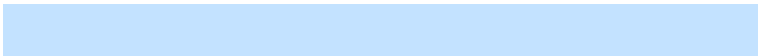
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.2846, 81.0379, 109.0716



55.3680, 81.0379, 39.5117



87.4568, 81.0379, 209.3349

Square

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



55.3680, 81.0379, 39.5117



57.2852, 81.0379, 176.7171



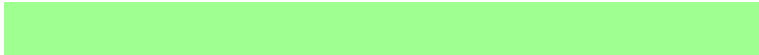
103.6980, 81.0379, 166.1848



100.8446, 81.0379, 35.6829

Rectangle

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



55.3680, 81.0379, 39.5117



49.1678, 81.0379, 101.7181



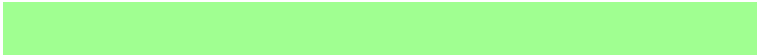
103.6980, 81.0379, 166.1848



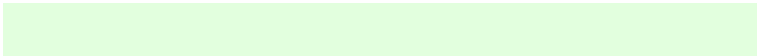
113.8056, 81.0379, 76.0021

Sweetspot

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



55.3684, 81.0381, 39.5129



80.4049, 93.0145, 82.7177



77.0715, 84.7453, 39.0846



16.7289, 19.6793, 16.8543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

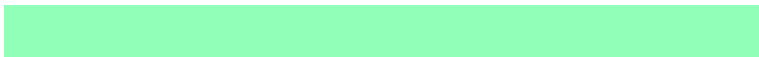
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.3684, 81.0381, 39.5129



50.1939, 78.5523, 31.0592



56.0372, 80.9798, 57.7513



18.0018, 20.2868, 19.1113



19.1133, 37.5914, 6.2485



1.9281, 3.6947, 0.6115

Inverse Universe

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



64.1118, 45.9974, 100.1071



59.9573, 39.2284, 99.0195



63.8254, 46.4955, 70.9164



18.5348, 18.1674, 22.7797



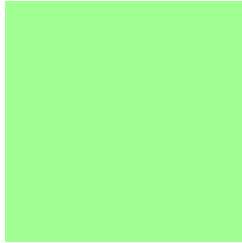
24.9848, 11.7906, 50.3936



2.4970, 1.1812, 4.9097

Previews

White Background



This preview shows how the XYZ color 55.3680, 81.0379, 39.5117 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 55.3680, 81.0379, 39.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

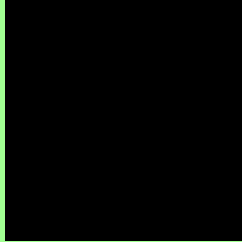
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

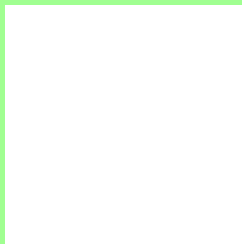
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3680, 81.0379, 39.5117

Background



This preview shows how black text looks on a background with the XYZ color 55.3680, 81.0379, 39.5117.



This preview shows how white text looks on a background with the XYZ color 55.3680, 81.0379,

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

55.3680, 81.0379, 39.5117

Protanopia

73.5279, 79.8120, 34.8225

Deuteranopia

78.6294, 79.7299, 64.6713



Tritanopia

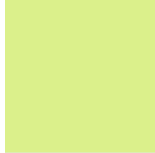
70.9088, 80.2905, 106.3681

Trichromacy



Original Color

55.3680, 81.0379, 39.5117



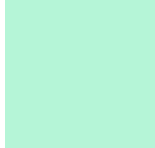
Protanomaly

65.0337, 79.2443, 36.2941



Deuteranomaly

67.9361, 79.0387, 54.3232



Tritanomaly

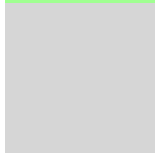
63.9742, 80.0349, 76.3665

Monochromacy



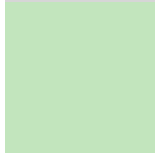
Original Color

55.3680, 81.0379, 39.5117



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.4528, 71.1821, 58.7501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3680, 81.0379, 39.5117 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(160, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 145)  
}
```

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(160, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 145) }
```

Border

The CSS property to change the border of an element to XYZ 55.3680, 81.0379, 39.5117 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(160, 255, 145) }
```


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

```
.border{ border-color:rgb(160, 255, 145) }
```

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

Here you see how a box with a 4 pixel rgb(160, 255, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3680, 81.0379, 39.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 145) }
```

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

```
.background{ background-color: rgb(160,  
255, 145) }
```

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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