

Converting Colors

XYZ(55.2170, 80.8662, 43.7460)

Have a look what the booklet for
XYZ(55.2170, 80.8662, 43.7460)
contains.

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Color

**XYZ(55.1940, 80.8551,
43.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFF9B
RGB	155, 255, 155
RGB Percent	61%, 100%, 61%
CMY	0.3922, 0.0000, 0.3921
CMYK	0.39, 0.00, 0.39, 0.00
HSL	120°, 100%, 80%
HSV	120°, 39%, 100%
XYZ	55.1940, 80.8551, 43.7079
YIQ	213.7000, -27.5000, -52.3000

Conversions

Conversions Part 2

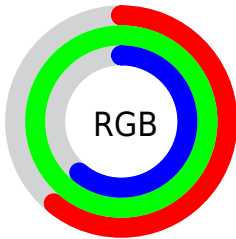
Format	Color
RYB	155, 255, 255
Decimal	10223515
CIELab	92.07, -48.66, 38.79
CIElCh	92, 62.228, 141.442
Yxy	80.8551, 0.3070, 0.4498
Android (android.graphics.Color)	4288413595 (0xFF9BFF9B)
YUV	213.7000, -28.9391, -51.4799
Hunter-Lab	89.9195, -47.7929, 34.1240

Details

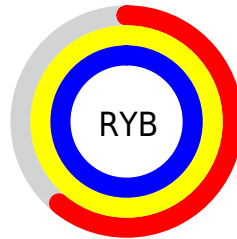
The XYZ color **55.1940, 80.8551, 43.7079** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71.0113, 51.9231, 100.8860**, and the grayscale version is **63.9162, 67.2448, 73.2296**.

A 20% lighter version of the original color is **74.8334, 90.3193, 74.4620**, and **27.6294, 43.9441, 19.5962** is the 20% darker color. If you saturate the color by 10%, you get **48.8856, 77.8249, 33.3898**, and if you desaturate by 10%, it is **62.9889, 84.5994, 56.4583**.

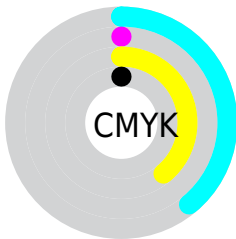
Distribution



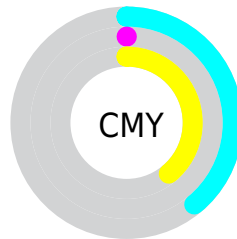
- Red (61%)
- Green (100%)
- Blue (61%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1940, 80.8551, 43.7079 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 55.1940, 80.8551, 43.7079 by changing the saturation by 10% instead.


 55.1940, 80.8551,
43.7079

 55.1940, 80.8551,
43.7079


396.7714,
497.8099, 377.5214

 39.7915, 60.4223,
30.1054


 96.9718, 134.5673,
82.0758

 27.5595, 43.7591,
19.6659


 124.0778,
168.6154, 107.6783

 18.1326, 30.4812,
11.9708


155.8158,
207.9708, 138.1179

 11.1455, 20.2041,
6.6015

192.5510,
253.0178, 173.8132

 6.2328, 12.5435,
3.1395

234.6488,
304.1408, 215.1826

 3.0292, 7.1149,
1.1663

282.4745,

 1.1692, 3.5341,

361.7243, 262.6448

0.0000

336.3936,
426.1525, 316.6182

0.0818, 1.4165,
0.0000

0.0000, 0.2288,
0.0000

55.1940, 80.8551,
43.7079

55.1940, 80.8551,
43.7079

48.8856, 77.8249,
33.3898

62.9889, 84.5994,
56.4583

43.9680, 75.4627,
25.3460

72.3548, 89.0983,
71.7780

40.3364, 73.7183,
19.4059

83.3719, 94.3904,
89.7984

37.8710, 72.5340,
15.3731

95.0500, 100.0000,
108.9000

■ 36.4291, 71.8414,
13.0146

■ 35.7960, 71.5373,
11.9790

■ 35.7600, 71.5200,
11.9201

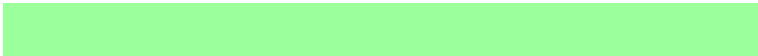
Harmonies

Analogous

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



66.1321, 80.8551, 28.8125



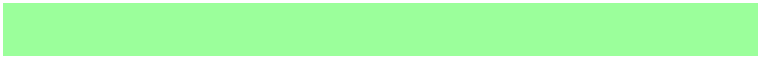
55.1940, 80.8551, 43.7079



50.2398, 80.8551, 75.5527

Triad

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



55.1940, 80.8551, 43.7079



72.3575, 80.8551, 207.2425



109.2310, 80.8551, 59.5687

Complementary

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



55.1940, 80.8551, 43.7079



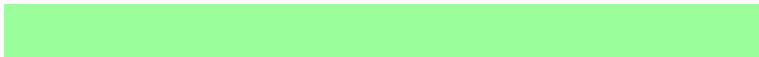
71.0113, 51.9231, 100.8860

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.



111.5079, 80.8551, 101.8269



55.1940, 80.8551, 43.7079



88.6683, 80.8551, 198.3085

Square

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



55.1940, 80.8551, 43.7079



59.2068, 80.8551, 176.5971



103.5388, 80.8551, 155.2580



97.6910, 80.8551, 35.5066

Rectangle

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



55.1940, 80.8551, 43.7079



50.4428, 80.8551, 106.7209



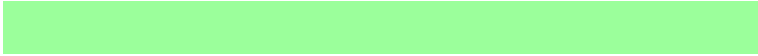
103.5388, 80.8551, 155.2580



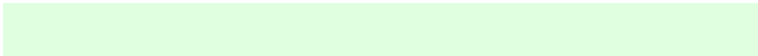
111.1633, 80.8551, 71.6727

Sweetspot

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



55.1945, 80.8554, 43.7092



80.1335, 92.8349, 84.5015



82.9165, 95.1466, 45.0059



16.8365, 19.7190, 17.5710



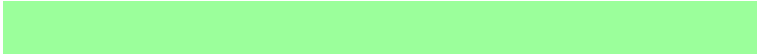
0.0000, 0.0000, 0.0000



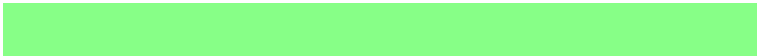
20.3446, 21.4041, 23.3091

Same Dimension

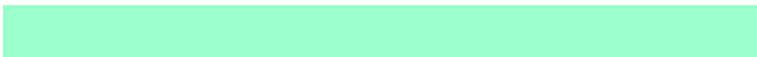
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1945, 80.8554, 43.7092



50.1597, 78.4369, 35.4739



60.2974, 82.8965, 70.5807



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



71.0113, 51.9231, 100.8860



67.9746, 45.8497, 99.8735



63.9811, 49.1110, 63.8652



18.7928, 18.3004, 22.7917



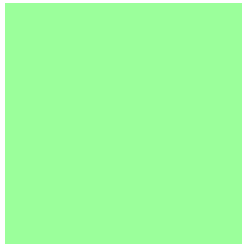
30.9800, 14.8813, 50.6726



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 55.1940, 80.8551, 43.7079 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 55.1940, 80.8551, 43.7079 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

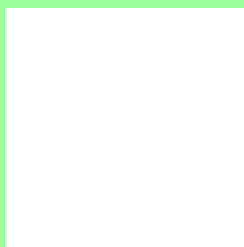
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1940, 80.8551, 43.7079

Background



This preview shows how black text looks on a background with the XYZ color 55.1940, 80.8551, 43.7079.

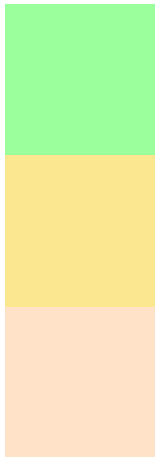


This preview shows how white text looks on a background with the XYZ color 55.1940, 80.8551,

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

55.1940, 80.8551, 43.7079

Protanopia

73.8316, 79.8916, 38.3173

Deuteranopia

78.7452, 79.7762, 65.2809



Tritanopia

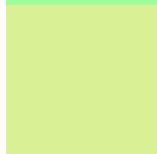
70.4453, 80.4873, 106.4305

Trichromacy



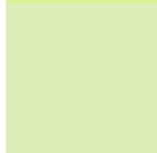
Original Color

55.1940, 80.8551, 43.7079



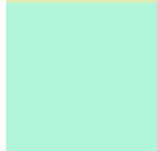
Protanomaly

65.2002, 79.2418, 40.2926



Deuteranomaly

68.0448, 79.0473, 56.4711



Tritanomaly

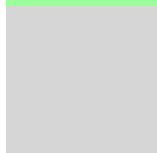
63.5701, 79.7664, 79.0638

Monochromacy



Original Color

55.1940, 80.8551, 43.7079



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.6373, 71.2263, 61.0569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1940, 80.8551, 43.7079 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(155, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 155)  
}
```

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(155, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 155) }
```

Border

The CSS property to change the border of an element to XYZ 55.1940, 80.8551, 43.7079 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(155, 255, 155) }
```


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

```
.border{ border-color:rgb(155, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1940, 80.8551, 43.7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 155) }
```

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

```
.background{ background-color: rgb(155,  
255, 155) }
```

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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