

Converting Colors

XYZ(56.3274, 82.6057, 56.6016)

Have a look what the booklet for
XYZ(56.3274, 82.6057, 56.6016)
contains.

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Color

**XYZ(55.4282, 80.6958,
56.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFFB5
RGB	143, 255, 181
RGB Percent	56%, 100%, 71%
CMY	0.4392, 0.0000, 0.2902
CMYK	0.44, 0.00, 0.29, 0.00
HSL	140°, 100%, 78%
HSV	140°, 44%, 100%
XYZ	55.4282, 80.6958, 56.3705
YIQ	213.0760, -42.9980, -46.7580

Conversions

Conversions Part 2

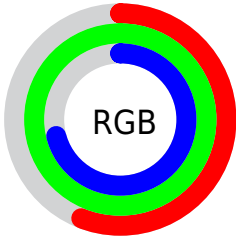
Format	Color
RYB	143, 227, 255
Decimal	9437109
CIELab	92.00, -47.77, 25.61
CIELCh	92, 54.197, 151.804
Yxy	80.6958, 0.2879, 0.4192
Android (android.graphics.Color)	4287627189 (0xFF8FFFB5)
YUV	213.0760, -15.8135, -61.4567
Hunter-Lab	89.8308, -47.0644, 25.6760

Details

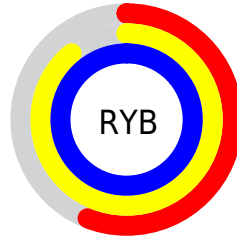
The XYZ color **55.4282, 80.6958, 56.3705** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.5872, 45.9154, 71.1568**, and the grayscale version is **63.4197, 66.7224, 72.6607**.

A 20% lighter version of the original color is **75.1335, 90.0519, 93.5426**, and **27.8367, 43.8780, 27.4242** is the 20% darker color. If you saturate the color by 10%, you get **49.8786, 78.0227, 47.6261**, and if you desaturate by 10%, it is **62.1914, 83.9704, 66.2657**.

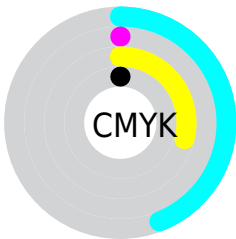
Distribution



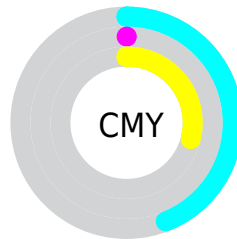
- Red (56%)
- Green (100%)
- Blue (71%)



- Red (56%)
- Yellow (89%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4282, 80.6958, 56.3705 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 55.4282, 80.6958, 56.3705 by changing the saturation by 10% instead.


 55.4282, 80.6958,
56.3705


 55.4282, 80.6958,
56.3705


397.6431,
497.2746, 428.5138

 39.9799, 60.2911,
40.0941


 97.3127, 134.3435,
101.0373

 27.7070, 43.6533,
27.2975


 124.4796,
168.3554, 130.2647

 18.2442, 30.3980,
17.5624


156.2834,
207.6717, 164.6462

 11.2262, 20.1409,
10.4701

193.0894,
252.6769, 204.6003

 6.2876, 12.4975,
5.6021

235.2630,
303.7554, 250.5456

 3.0631, 7.0835,
2.5398

283.1696,

 1.1872, 3.5144,

361.2916, 302.9006

0.8611

337.1745,
425.6699, 362.0838

0.0962, 1.4058,
0.0000

0.0000, 0.2210,
0.0000

55.4282, 80.6958,
56.3705

55.4282, 80.6958,
56.3705

49.8786, 78.0227,
47.6261

62.1914, 83.9704,
66.2657

45.4644, 75.9116,
39.9861

70.2357, 87.8804,
77.3478

42.1009, 74.3198,
33.4069

79.6259, 92.4586,
89.6561

39.6897, 73.1975,
27.8402

90.4216, 97.7347,
103.2271

■ 38.1119, 72.4845, 95.0500, 100.0000,
23.2334 108.9000

■ 37.4607, 72.2003,
20.8759

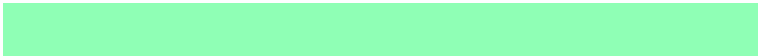
Harmonies

Analogous

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



63.4289, 80.6958, 37.4599



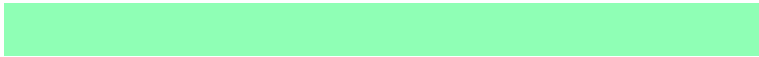
55.4282, 80.6958, 56.3705



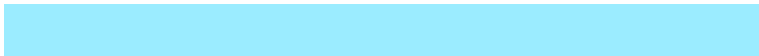
52.9178, 80.6958, 90.3021

Triad

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



55.4282, 80.6958, 56.3705



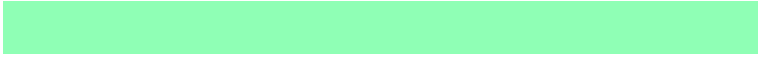
77.5456, 80.6958, 189.0217



101.7930, 80.6958, 53.3148

Complementary

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



55.4282, 80.6958, 56.3705



63.5872, 45.9154, 71.1568

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.



106.7119, 80.6958, 85.4702



55.4282, 80.6958, 56.3705



91.7016, 80.6958, 170.5259

Square

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



55.4282, 80.6958, 56.3705



64.7249, 80.6958, 174.3125



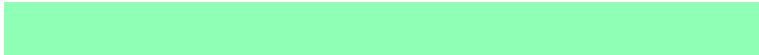
102.8151, 80.6958, 129.3281



90.0655, 80.6958, 36.1080

Rectangle

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



55.4282, 80.6958, 56.3705



54.4179, 80.6958, 119.5540



102.8151, 80.6958, 129.3281



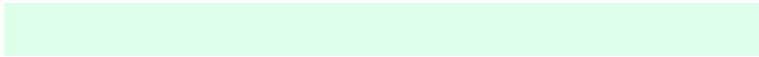
104.3573, 80.6958, 62.3361

Sweetspot

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



55.4288, 80.6961, 56.3718



80.5602, 92.9147, 90.8522



69.5322, 88.3574, 39.3775



16.7680, 19.6556, 18.8362



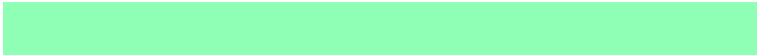
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.4288, 80.6961, 56.3718



50.3409, 78.2447, 48.3844



62.2770, 83.4354, 92.4336



18.0258, 20.2699, 20.4391



19.6363, 37.7511, 11.2361



1.9606, 3.6952, 1.3504

Inverse Universe

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



63.5872, 45.9154, 71.1568



59.4650, 39.2675, 64.8607



57.5550, 43.5025, 39.3915



18.5154, 18.1895, 21.3311



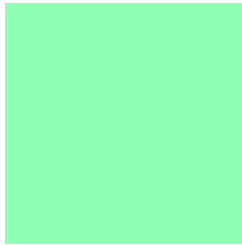
25.3380, 12.6245, 20.9621



2.5182, 1.2497, 2.3103

Previews

White Background



This preview shows how the XYZ color 55.4282, 80.6958, 56.3705 looks on a white background.

Color Contrast Check

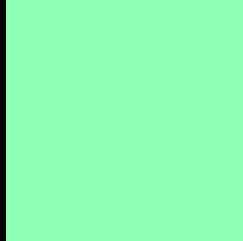
Large Text (above 18pt) WCAG AA × Fail

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 55.4282, 80.6958, 56.3705 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 55.4282, 80.6958, 56.3705

Background



This preview shows how black text looks on a background with the XYZ color 55.4282, 80.6958, 56.3705.



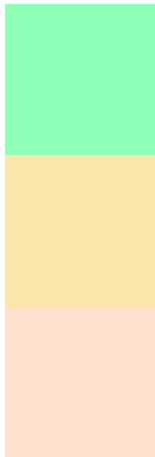
This preview shows how white text looks on a background with the XYZ color 55.4282, 80.6958,

56.3705.

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

55.4282, 80.6958, 56.3705

Protanopia

74.2639, 79.4524, 49.4519

Deuteranopia

79.1847, 79.5182, 68.9327



Tritanopia

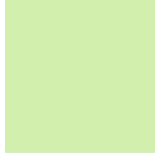
69.5129, 80.4449, 106.4714

Trichromacy



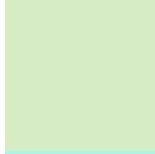
Original Color

55.4282, 80.6958, 56.3705



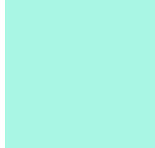
Protanomaly

65.0848, 78.4906, 51.7643



Deuteranomaly

67.6908, 78.2726, 63.7650



Tritanomaly

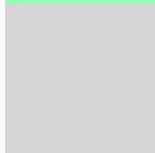
63.5369, 80.0590, 85.5030

Monochromacy



Original Color

55.4282, 80.6958, 56.3705



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.0251, 70.3952, 65.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4282, 80.6958, 56.3705 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(143, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 181)  
}
```

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(143, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.4282, 80.6958, 56.3705 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(143, 255, 181) }
```


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

```
.border{ border-color:rgb(143, 255, 181) }
```

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

Here you see how a box with a 4 pixel rgb(143, 255, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4282, 80.6958, 56.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 181) }
```

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

```
.background{ background-color: rgb(143,  
255, 181) }
```

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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