

Converting Colors

XYZ(54.3528, 80.1253, 57.0474)

Have a look what the booklet for
XYZ(54.3528, 80.1253, 57.0474)
contains.

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Color

**XYZ(54.3568, 80.1316,
56.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	88FFB6
RGB	136, 255, 182
RGB Percent	53%, 100%, 71%
CMY	0.4667, 0.0000, 0.2863
CMYK	0.47, 0.00, 0.29, 0.00
HSL	143°, 100%, 77%
HSV	143°, 47%, 100%
XYZ	54.3568, 80.1316, 56.8580
YIQ	211.0970, -47.4910, -47.9310

Conversions

Conversions Part 2

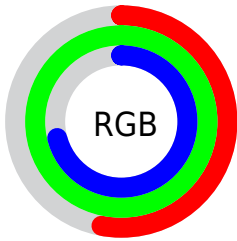
Format	Color
RYB	136, 222, 255
Decimal	8978358
CIELab	91.74, -49.39, 24.71
CIELCh	92, 55.224, 153.419
Yxy	80.1316, 0.2841, 0.4188
Android (android.graphics.Color)	4287168438 (0xFF88FFB6)
YUV	211.0970, -14.3448, -65.8601
Hunter-Lab	89.5163, -48.2632, 25.0022

Details

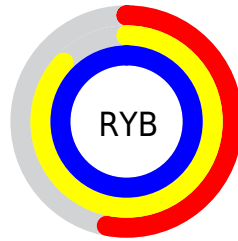
The XYZ color **54.3568, 80.1316, 56.8580** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **61.5530, 43.4723, 65.4682**, and the grayscale version is **62.0951, 65.3289, 71.1432**.

A 20% lighter version of the original color is **73.6983, 89.2951, 94.2403**, and **26.9092, 43.0540, 27.6609** is the 20% darker color. If you saturate the color by 10%, you get **49.1691, 77.6337, 48.6430**, and if you desaturate by 10%, it is **60.7115, 83.2102, 66.0730**.

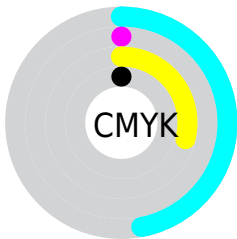
Distribution



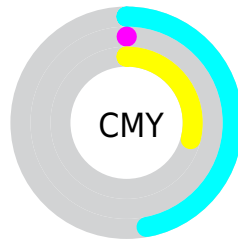
- Red (53%)
- Green (100%)
- Blue (71%)



- Red (53%)
- Yellow (87%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (47%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3568, 80.1316, 56.8580 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 54.3568, 80.1316, 56.8580 by changing the saturation by 10% instead.


 54.3568, 80.1316,
56.8580


 54.3568, 80.1316,
56.8580


393.6453,
495.3762, 430.3958

 39.1188, 59.8267,
40.4826


 95.7518, 133.5507,
101.7562

 27.0333, 43.2789,
27.5984


 122.6394,
167.4337, 131.1162

 17.7349, 30.1040,
17.7868


154.1410,
206.6115, 165.6414

 10.8584, 19.9176,
10.6291

190.6219,
251.4685, 205.7505

 6.0383, 12.3351,
5.7070

232.4474,
302.3890, 251.8619

 2.9093, 6.9723,
2.6019

279.9829,

 1.1060, 3.4448,

359.7576, 304.3943

0.8934

333.5938,
423.9585, 363.7661

0.0301, 1.3681,
0.0000

0.0000, 0.1931,
0.0000

54.3568, 80.1316,
56.8580

54.3568, 80.1316,
56.8580

49.1691, 77.6337,
48.6430

60.7115, 83.2102,
66.0730

45.0695, 75.6766,
41.3895

68.3008, 86.9038,
76.3166

41.9720, 74.2166,
35.0623

77.1895, 91.2450,
87.6214

39.7755, 73.2024,
29.6222

87.4369, 96.2640,
100.0171

■ 38.3544, 72.5701, 95.0500, 100.0000,
25.0266 108.9000

■ 37.9918, 72.4127,
23.6725

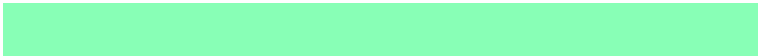
Harmonies

Analogous

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



62.1571, 80.1316, 37.0848



54.3568, 80.1316, 56.8580



52.1331, 80.1316, 91.9736

Triad

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



54.3568, 80.1316, 56.8580



77.7947, 80.1316, 190.2538



101.1656, 80.1316, 51.0272

Complementary

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



54.3568, 80.1316, 56.8580



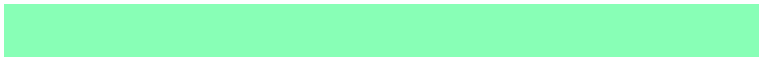
61.5530, 43.4723, 65.4682

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.



106.6310, 80.1316, 82.6904



54.3568, 80.1316, 56.8580



92.1283, 80.1316, 169.6451

Square

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



54.3568, 80.1316, 56.8580



64.6407, 80.1316, 176.9783



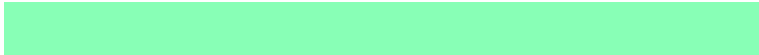
103.1365, 80.1316, 126.9043



88.9784, 80.1316, 34.5225

Rectangle

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



54.3568, 80.1316, 56.8580



53.8525, 80.1316, 121.9752



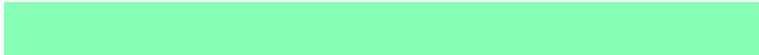
103.1365, 80.1316, 126.9043



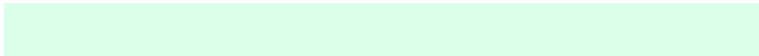
103.9138, 80.1316, 59.8327

Sweetspot

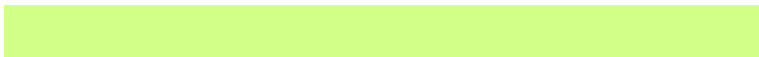
The Sweet Spot groups the original color and five complimentary colors.



54.3574, 80.1319, 56.8593



79.7861, 92.5156, 90.8181



66.6074, 86.9090, 36.5579



16.6261, 19.5812, 18.8837



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.



54.3574, 80.1319, 56.8593



49.4798, 77.7828, 49.1598



61.8083, 83.1123, 96.0953



18.0622, 20.2844, 20.6305



19.9191, 37.8642, 12.7249



1.9910, 3.7073, 1.5103

Inverse Universe

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



61.5530, 43.4723, 65.4682



57.4581, 37.0533, 58.6439



55.5402, 41.0672, 33.8052



18.4777, 18.1744, 21.1326



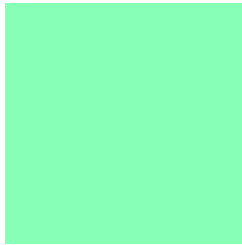
24.7785, 12.4007, 18.0159



2.4661, 1.2288, 2.0359

Previews

White Background



This preview shows how the XYZ color 54.3568, 80.1316, 56.8580 looks on a white background.

Color Contrast Check

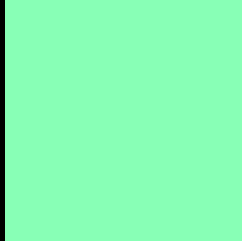
Large Text (above 18pt) WCAG AA × Fail

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 54.3568, 80.1316, 56.8580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

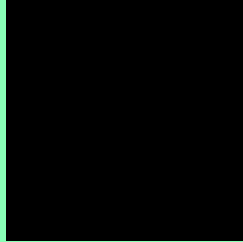
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3568, 80.1316, 56.8580

Background



This preview shows how black text looks on a background with the XYZ color 54.3568, 80.1316, 56.8580.



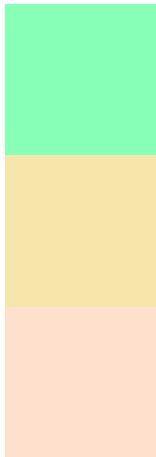
This preview shows how white text looks on a background with the XYZ color 54.3568, 80.1316,

56.8580.

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

54.3568, 80.1316, 56.8580

Protanopia

73.5585, 79.0887, 49.4189

Deuteranopia

78.7947, 78.9309, 68.2090



Tritanopia

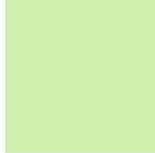
68.2661, 79.3639, 106.3285

Trichromacy



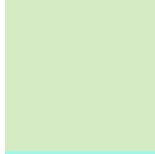
Original Color

54.3568, 80.1316, 56.8580



Protanomaly

63.9601, 77.9108, 51.7116



Deuteranomaly

66.8235, 77.3992, 63.6421



Tritanomaly

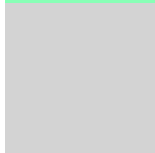
62.1730, 78.9056, 85.3522

Monochromacy



Original Color

54.3568, 80.1316, 56.8580



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

57.6616, 69.2986, 64.9805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3568, 80.1316, 56.8580 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(136, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 182)  
}
```

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(136, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.3568, 80.1316, 56.8580 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(136, 255, 182) }
```


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

```
.border{ border-color:rgb(136, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3568, 80.1316, 56.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 182) }
```

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

```
.background{ background-color: rgb(136,  
255, 182) }
```

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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