

Converting Colors

XYZ(54.4237, 80.4480, 44.1241)

Have a look what the booklet for
XYZ(54.4237, 80.4480, 44.1241)
contains.

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Color

**XYZ(54.3384, 80.4043,
44.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	96FF9C
RGB	150, 255, 156
RGB Percent	59%, 100%, 61%
CMY	0.4118, 0.0000, 0.3882
CMYK	0.41, 0.00, 0.39, 0.00
HSL	123°, 100%, 79%
HSV	123°, 41%, 100%
XYZ	54.3384, 80.4043, 44.1081
YIQ	212.3190, -30.8010, -53.0490

Conversions

Conversions Part 2

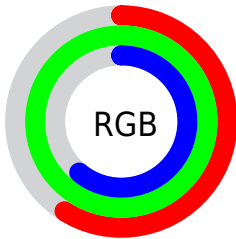
Format	Color
RYB	150, 249, 255
Decimal	9895836
CIELab	91.87, -49.96, 37.99
CIELCh	92, 62.765, 142.750
Yxy	80.4043, 0.3038, 0.4496
Android (android.graphics.Color)	4288085916 (0xFF96FF9C)
YUV	212.3190, -27.7653, -54.6538
Hunter-Lab	89.6684, -48.7501, 33.6030

Details

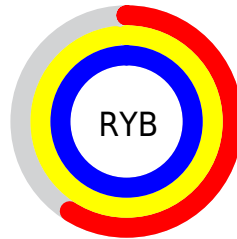
The XYZ color **54.3384, 80.4043, 44.1081** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69.2452, 49.9125, 95.6057**, and the grayscale version is **62.9850, 66.2652, 72.1628**.

A 20% lighter version of the original color is **73.5303, 89.6330, 75.0535**, and **27.1565, 43.6946, 19.8346** is the 20% darker color. If you saturate the color by 10%, you get **48.3069, 77.5074, 34.2299**, and if you desaturate by 10%, it is **61.7947, 83.9892, 56.1588**.

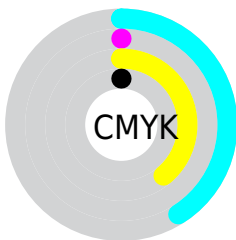
Distribution



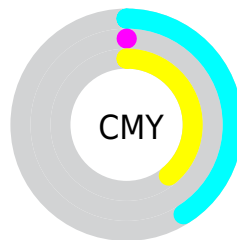
- Red (59%)
- Green (100%)
- Blue (61%)



- Red (59%)
- Yellow (98%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3384, 80.4043, 44.1081 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 54.3384, 80.4043, 44.1081 by changing the saturation by 10% instead.


 54.3384, 80.4043,
44.1081


 54.3384, 80.4043,
44.1081


393.5764,
496.2943, 379.2035

 39.1040, 60.0511,
30.4177


 95.7249, 133.9340,
82.6846

 27.0217, 43.4598,
19.9011


 122.6078,
167.8793, 108.4077

 17.7262, 30.2461,
12.1398


154.1041,
207.1241, 138.9789

 10.8521, 20.0254,
6.7153

190.5794,
252.0528, 174.8166

 6.0340, 12.4135,
3.2089

232.3989,
303.0498, 216.3393

 2.9066, 7.0260,
1.2023

279.9280,

 1.1046, 3.4783,

360.4994, 263.9657

0.0000

333.5321,
424.7861, 318.1143

0.0290, 1.3863,
0.0000

0.0000, 0.2066,
0.0000

54.3384, 80.4043,
44.1081

54.3384, 80.4043,
44.1081

48.3069, 77.5074,
34.2299

61.7947, 83.9892,
56.1588

43.6081, 75.2537,
26.3915

70.7573, 88.3015,
70.4965

40.1411, 73.5943,
20.4514

81.3031, 93.3786,
87.2322

37.7902, 72.4729,
16.2488

93.5033, 99.2549,
106.4688

■ 36.4173, 71.8224, 95.0500, 100.0000,
13.5961 108.9000

■ 35.8432, 71.5533,
12.3583

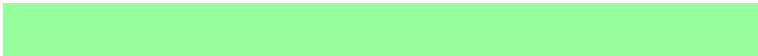
Harmonies

Analogous

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



65.0674, 80.4043, 28.6060



54.3384, 80.4043, 44.1081



49.6476, 80.4043, 76.8297

Triad

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



54.3384, 80.4043, 44.1081



72.5820, 80.4043, 208.1984



108.6646, 80.4043, 57.5488

Complementary

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



54.3384, 80.4043, 44.1081



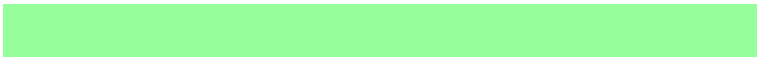
69.2452, 49.9125, 95.6057

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.



111.4192, 80.4043, 99.2164



54.3384, 80.4043, 44.1081



89.0259, 80.4043, 197.3687

Square

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



54.3384, 80.4043, 44.1081



59.1771, 80.4043, 178.7533



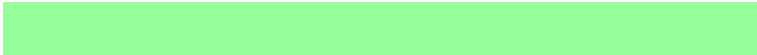
103.7999, 80.4043, 152.9055



96.7282, 80.4043, 34.2479

Rectangle

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



54.3384, 80.4043, 44.1081



50.0354, 80.4043, 108.6013



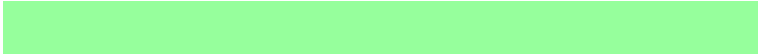
103.7999, 80.4043, 152.9055



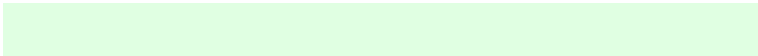
110.7575, 80.4043, 69.4059

Sweetspot

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



54.3389, 80.4045, 44.1094



80.3725, 92.9305, 85.7601



80.5999, 93.9999, 42.7504



16.8922, 19.7413, 17.8640



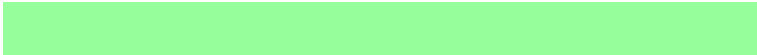
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

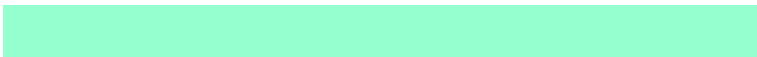
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3389, 80.4045, 44.1094



49.5027, 78.0814, 36.2013



59.6924, 82.5459, 72.3005



17.8137, 20.1850, 19.3217



18.7454, 37.3947, 6.5445



1.8393, 3.6466, 0.7116

Inverse Universe

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



69.2452, 49.9125, 95.6057



66.1505, 44.0071, 93.6992



62.2533, 47.1158, 58.7872



18.7452, 18.2814, 22.5413



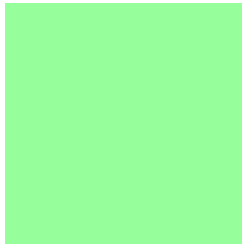
29.8195, 14.4171, 44.5614



2.9166, 1.4090, 4.4079

Previews

White Background



This preview shows how the XYZ color 54.3384, 80.4043, 44.1081 looks on a white background.

Color Contrast Check

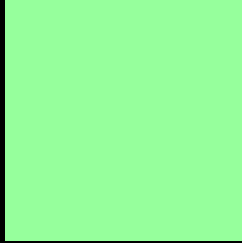
Large Text (above 18pt) WCAG AA × Fail

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 54.3384, 80.4043, 44.1081 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 54.3384, 80.4043, 44.1081

Background



This preview shows how black text looks on a background with the XYZ color 54.3384, 80.4043, 44.1081.

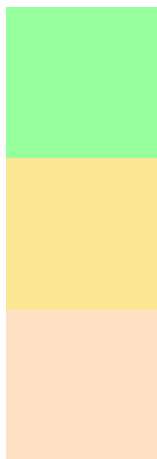


This preview shows how white text looks on a background with the XYZ color 54.3384, 80.4043,

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

54.3384, 80.4043, 44.1081

Protanopia

73.2688, 79.1782, 38.6154

Deuteranopia

78.3583, 79.1876, 64.5809



Tritanopia

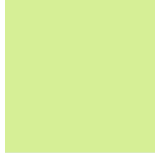
69.7036, 80.1050, 106.3958

Trichromacy



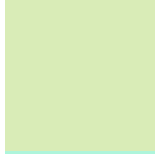
Original Color

54.3384, 80.4043, 44.1081



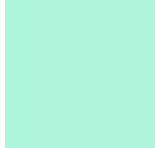
Protanomaly

64.1031, 78.2312, 40.5757



Deuteranomaly

67.1580, 78.1615, 56.3468



Tritanomaly

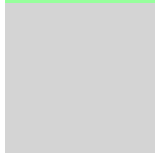
62.8941, 79.4180, 79.0322

Monochromacy



Original Color

54.3384, 80.4043, 44.1081



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.2441, 70.1114, 60.3322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3384, 80.4043, 44.1081 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(150, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 156)  
}
```

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(150, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 156) }
```

Border

The CSS property to change the border of an element to XYZ 54.3384, 80.4043, 44.1081 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(150, 255, 156) }
```


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

```
.border{ border-color:rgb(150, 255, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3384, 80.4043, 44.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 156) }
```

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

```
.background{ background-color: rgb(150,  
255, 156) }
```

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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