

Converting Colors

XYZ(54.0760, 80.3221, 41.6981)

Have a look what the booklet for
XYZ(54.0760, 80.3221, 41.6981)
contains.

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Color

**XYZ(54.0275, 80.3013,
41.5063)**

Conversions

Conversions Part 1

Format	Color
Hex	97FF96
RGB	151, 255, 150
RGB Percent	59%, 100%, 59%
CMY	0.4078, 0.0000, 0.4118
CMYK	0.41, 0.00, 0.41, 0.00
HSL	119°, 100%, 79%
HSV	119°, 41%, 100%
XYZ	54.0275, 80.3013, 41.5063
YIQ	211.9340, -28.2790, -54.7030

Conversions

Conversions Part 2

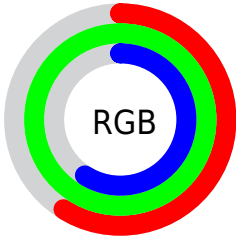
Format	Color
RYB	150, 255, 254
Decimal	9961366
CIELab	91.82, -50.55, 40.88
CIElCh	92, 65.016, 141.040
Yxy	80.3013, 0.3073, 0.4567
Android (android.graphics.Color)	4288151446 (0xFF97FF96)
YUV	211.9340, -30.5335, -53.4391
Hunter-Lab	89.6110, -49.1995, 35.2656

Details

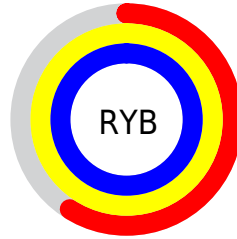
The XYZ color **54.0275, 80.3013, 41.5063** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69.8306, 50.1048, 100.5985**, and the grayscale version is **62.7452, 66.0128, 71.8879**.

A 20% lighter version of the original color is **73.0739, 89.4831, 71.1782**, and **26.8660, 43.5784, 18.3047** is the 20% darker color. If you saturate the color by 10%, you get **47.9964, 77.4041, 31.6468**, and if you desaturate by 10%, it is **61.5104, 83.8952, 53.7683**.

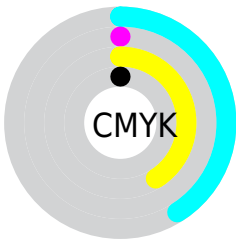
Distribution



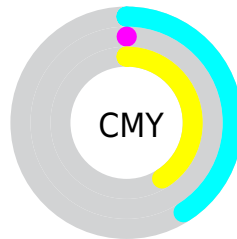
- Red (59%)
- Green (100%)
- Blue (59%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0275, 80.3013, 41.5063 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 54.0275, 80.3013, 41.5063 by changing the saturation by 10% instead.


 54.0275, 80.3013,
41.5063


 54.0275, 80.3013,
41.5063


392.4115,
495.9477, 368.1714

 38.8544, 59.9663,
28.3922


 95.2713, 133.7893,
78.7139

 26.8267, 43.3915,
18.3799


 122.0727,
167.7110, 103.6445

 17.5790, 30.1924,
11.0508


153.4809,
206.9305, 133.3510

 10.7460, 19.9847,
5.9864

189.8612,
251.8321, 168.2520

 5.9624, 12.3839,
2.7682

231.5791,
302.8003, 208.7660

 2.8626, 7.0057,
0.9775

278.9999,

 1.0815, 3.4657,

360.2193, 255.3115

0.0000

332.4889,
424.4736, 308.3071

0.0096, 1.3794,
0.0000

0.0000, 0.2015,
0.0000

54.0275, 80.3013,
41.5063

54.0275, 80.3013,
41.5063

47.9964, 77.4041,
31.6468

61.5104, 83.8952,
53.7683

43.3217, 75.1580,
24.0288

70.5294, 88.2263,
68.5722

39.8989, 73.5128,
18.4776

81.1638, 93.3328,
86.0511

37.6075, 72.4108,
14.7912

93.4874, 99.2498,
106.3277

■ 36.3036, 71.7829, 95.0500, 100.0000,
12.7268 108.9000

■ 35.7903, 71.5356,
11.9214

Harmonies

Analogous

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



65.3919, 80.3013, 26.7203



54.0275, 80.3013, 41.5063



48.8536, 80.3013, 73.9101

Triad

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



54.0275, 80.3013, 41.5063



71.4428, 80.3013, 212.9646



110.2944, 80.3013, 58.4616

Complementary

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



54.0275, 80.3013, 41.5063



69.8306, 50.1048, 100.5985

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.



112.5393, 80.3013, 102.5155



54.0275, 80.3013, 41.5063



88.4112, 80.3013, 204.0472

Square

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



54.0275, 80.3013, 41.5063



57.9023, 80.3013, 179.9262



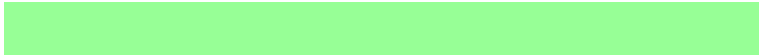
104.0394, 80.3013, 158.7332



98.2891, 80.3013, 33.7414

Rectangle

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



54.0275, 80.3013, 41.5063



49.0037, 80.3013, 106.2037



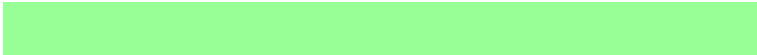
104.0394, 80.3013, 158.7332



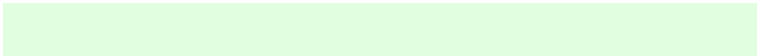
112.2781, 80.3013, 71.0181

Sweetspot

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



54.0279, 80.3015, 41.5076



80.2239, 92.8815, 84.5054



81.9495, 93.8706, 42.6550



16.8576, 19.7298, 17.5719



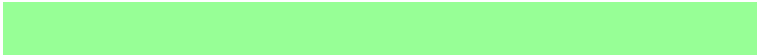
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

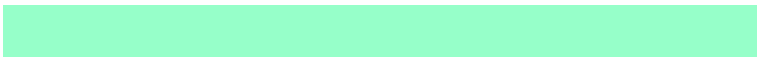
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.0279, 80.3015, 41.5076



49.1896, 77.9773, 33.5953



58.8516, 82.2097, 67.8714



17.7876, 20.1764, 19.1013



18.7081, 37.3825, 6.2295



1.8269, 3.6426, 0.6068

Inverse Universe

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



69.8306, 50.1048, 100.5985



66.8437, 44.2340, 99.6227



63.0761, 47.4453, 63.1184



18.7746, 18.2911, 22.7909



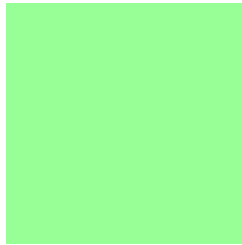
30.5251, 14.6468, 50.6528



2.9774, 1.4288, 4.9321

Previews

White Background



This preview shows how the XYZ color 54.0275, 80.3013, 41.5063 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 54.0275, 80.3013, 41.5063 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 54.0275, 80.3013, 41.5063

Background



This preview shows how black text looks on a background with the XYZ color 54.0275, 80.3013, 41.5063.

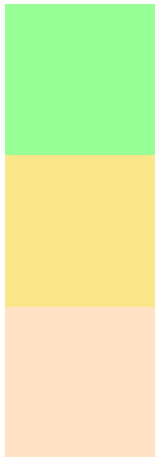


This preview shows how white text looks on a background with the XYZ color 54.0275, 80.3013,

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

54.0275, 80.3013, 41.5063

Protanopia

72.8141, 78.9963, 36.2210

Deuteranopia

78.1290, 79.0959, 63.3738



Tritanopia

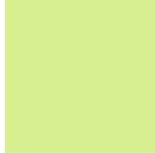
69.4100, 79.5178, 106.2979

Trichromacy



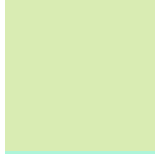
Original Color

54.0275, 80.3013, 41.5063



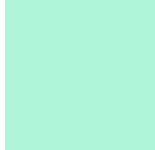
Protanomaly

63.9249, 78.1937, 38.1093



Deuteranomaly

66.7474, 77.9973, 54.1848



Tritanomaly

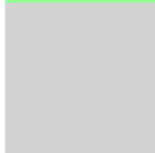
62.6324, 79.3132, 77.6536

Monochromacy



Original Color

54.0275, 80.3013, 41.5063



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.1639, 70.1081, 58.6108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0275, 80.3013, 41.5063 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(151, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 150)  
}
```

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(151, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 150) }
```

Border

The CSS property to change the border of an element to XYZ 54.0275, 80.3013, 41.5063 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(151, 255, 150) }
```


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

```
.border{ border-color:rgb(151, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0275, 80.3013, 41.5063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 150) }
```

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

```
.background{ background-color: rgb(151,  
255, 150) }
```

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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