

Converting Colors

XYZ(53.9132, 79.3437, 40.0975)

Have a look what the booklet for
XYZ(53.9132, 79.3437, 40.0975)
contains.

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Color

**XYZ(53.9093, 79.3257,
40.0738)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFD93
RGB	155, 253, 147
RGB Percent	61%, 99%, 58%
CMY	0.3922, 0.0078, 0.4235
CMYK	0.39, 0.00, 0.42, 0.01
HSL	115°, 96%, 78%
HSV	115°, 42%, 99%
XYZ	53.9093, 79.3257, 40.0738
YIQ	211.6140, -24.3820, -53.7420

Conversions

Conversions Part 2

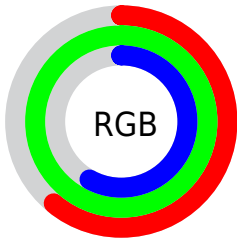
Format	Color
RYB	147, 253, 245
Decimal	10222995
CIELab	91.38, -48.97, 41.81
CIELCh	91, 64.390, 139.506
Yxy	79.3257, 0.3111, 0.4577
Android (android.graphics.Color)	4288413075 (0xFF9BFD93)
YUV	211.6140, -31.8547, -49.6505
Hunter-Lab	89.0650, -47.8211, 35.6686

Details

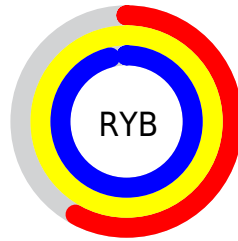
The XYZ color **53.9093, 79.3257, 40.0738** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65.8232, 47.3742, 98.6076**, and the grayscale version is **62.5410, 65.7980, 71.6540**.

A 20% lighter version of the original color is **73.8612, 89.9304, 69.3425**, and **26.8425, 42.9027, 17.6928** is the 20% darker color. If you saturate the color by 10%, you get **48.0760, 76.5256, 30.5529**, and if you desaturate by 10%, it is **61.0527, 82.7554, 51.9382**.

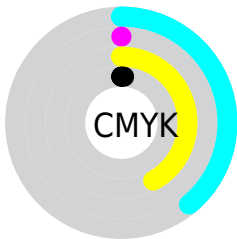
Distribution



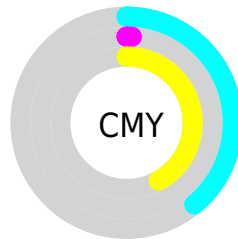
- Red (61%)
- Green (99%)
- Blue (58%)



- Red (58%)
- Yellow (99%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)
- Black (1%)





- Cyan (39%)
- Magenta (1%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9093, 79.3257, 40.0738 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 53.9093, 79.3257, 40.0738 by changing the saturation by 10% instead.


 53.9093, 79.3257,
40.0738


 53.9093, 79.3257,
40.0738


391.9680,
492.6575, 361.9959

 38.7595, 59.1636,
27.2819


 95.0987, 132.4173,
76.5142

 26.7526, 42.7449,
17.5507


 121.8691,
166.1156, 100.9997

 17.5231, 29.6850,
10.4618


153.2437,
205.0948, 130.2202

 10.7058, 19.5996,
5.5966

189.5880,
249.7392, 164.5942

 5.9352, 12.1043,
2.5366

231.2672,
300.4333, 204.5402

 2.8460, 6.8148,
0.8595


278.6467,


 1.0728, 3.3465,


357.5614, 250.4768


0.0000


332.0918,
421.5080, 302.8225


 0.0022, 1.3152,
0.0000


 0.0000, 0.1529,
0.0000


 53.9093, 79.3257,
40.0738


 53.9093, 79.3257,
40.0738


 48.0760, 76.5256,
30.5529


 61.0527, 82.7554,
51.9382


 43.4676, 74.3075,
23.2154

 69.5730, 86.8391,
66.2816

 39.9980, 72.6331,
17.8898

 79.5393, 91.6121,
83.2352

 37.5674, 71.4554,
14.3765

 91.0147, 97.1040,
102.9196

■ 36.0586, 70.7189,
12.4351

94.4169, 98.7337,
108.6890

■ 35.3972, 70.3931,
11.7216

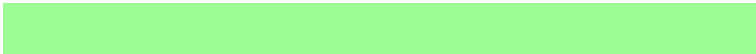
Harmonies

Analogous

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



65.3701, 79.3257, 26.2308



53.9093, 79.3257, 40.0738



48.4956, 79.3257, 70.9768

Triad

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



53.9093, 79.3257, 40.0738



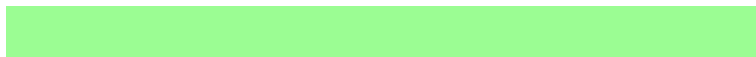
69.8097, 79.3257, 208.7405



109.1169, 79.3257, 59.6400

Complementary

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



53.9093, 79.3257, 40.0738



65.8232, 47.3742, 98.6076

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.



110.7625, 79.3257, 103.8469



53.9093, 79.3257, 40.0738



86.3994, 79.3257, 202.2093

Square

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



53.9093, 79.3257, 40.0738



56.7536, 79.3257, 174.6294



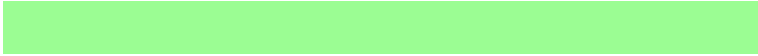
101.9474, 79.3257, 159.1032



97.7316, 79.3257, 34.3672

Rectangle

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



53.9093, 79.3257, 40.0738



48.4254, 79.3257, 102.1271



101.9474, 79.3257, 159.1032



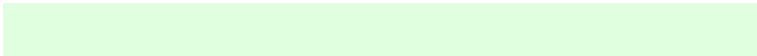
110.8843, 79.3257, 72.3271

Sweetspot

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



53.9113, 79.3291, 40.0756



79.7742, 92.6894, 82.6882



78.1788, 87.7949, 40.4306



16.5756, 19.6002, 16.8471



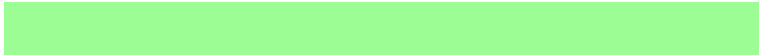
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

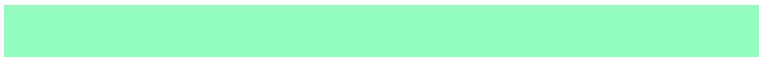
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9113, 79.3291, 40.0756



49.9597, 78.3939, 32.7483



56.5827, 80.2261, 61.8916



17.8985, 20.2336, 19.1065



18.8732, 37.4676, 6.2372



1.8795, 3.6697, 0.6093

Inverse Universe

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



65.8232, 47.3742, 98.6076



63.4930, 42.0091, 99.3699



62.4325, 46.3473, 65.8715



18.6494, 18.2265, 22.7851



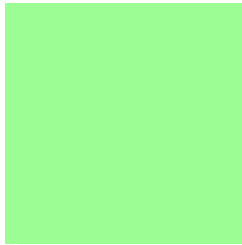
27.5220, 13.0986, 50.5123



2.7184, 1.2953, 4.9200

Previews

White Background



This preview shows how the XYZ color 53.9093, 79.3257, 40.0738 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 53.9093, 79.3257, 40.0738 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

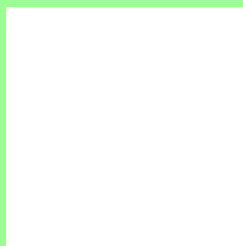
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9093, 79.3257, 40.0738

Background



This preview shows how black text looks on a background with the XYZ color 53.9093, 79.3257, 40.0738.



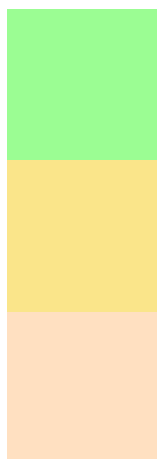
This preview shows how white text looks on a background with the XYZ color 53.9093, 79.3257,

40.0738.

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

53.9093, 79.3257, 40.0738

Protanopia

72.0311, 78.1976, 35.3420

Deuteranopia

77.5213, 78.4216, 61.5031



Tritanopia

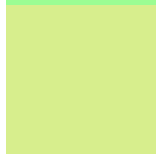
68.6321, 78.6834, 106.1779

Trichromacy



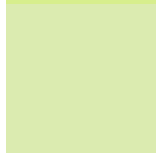
Original Color

53.9093, 79.3257, 40.0738



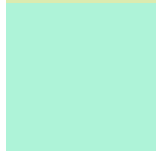
Protanomaly

63.4066, 77.5192, 36.8201



Deuteranomaly

66.7582, 77.6113, 52.5362



Tritanomaly

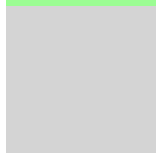
61.9008, 78.0577, 76.7699

Monochromacy



Original Color

53.9093, 79.3257, 40.0738



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.0320, 69.6454, 57.9612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9093, 79.3257, 40.0738 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, 253, 147)` looks like.

```
.text, #text, p{  
    color:rgb(155, 253, 147)  
}
```

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, 253, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 253, 147) }
```

Border

The CSS property to change the border of an element to XYZ 53.9093, 79.3257, 40.0738 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, 253, 147) }
```


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

```
.border{ border-color:rgb(155, 253, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 253, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 253, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 253, 147);  
box-shadow:4px 4px 4px 4px rgb(155, 253,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9093, 79.3257, 40.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 253, 147) }
```

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

```
.background{ background-color: rgb(155,  
253, 147) }
```

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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