

Converting Colors

XYZ(53.3310, 79.9602, 40.6607)

Have a look what the booklet for
XYZ(53.3310, 79.9602, 40.6607)
contains.

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Color

**XYZ(53.3180, 79.9540,
40.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	94FF94
RGB	148, 255, 148
RGB Percent	58%, 100%, 58%
CMY	0.4196, 0.0000, 0.4196
CMYK	0.42, 0.00, 0.42, 0.00
HSL	120°, 100%, 79%
HSV	120°, 42%, 100%
XYZ	53.3180, 79.9540, 40.6395
YIQ	210.8090, -29.4250, -55.9610

Conversions

Conversions Part 2

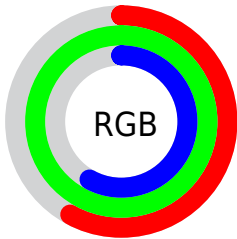
Format	Color
RYB	148, 255, 255
Decimal	9764756
CIELab	91.66, -51.70, 41.63
CIELCh	92, 66.380, 141.162
Yxy	79.9540, 0.3066, 0.4597
Android (android.graphics.Color)	4287954836 (0xFF94FF94)
YUV	210.8090, -30.9648, -55.0835
Hunter-Lab	89.4170, -50.0429, 35.6449

Details

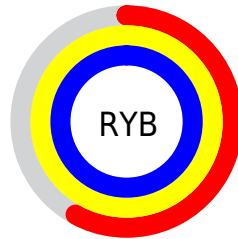
The XYZ color **53.3180, 79.9540, 40.6395** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69.8797, 49.6599, 100.5081**, and the grayscale version is **62.0024, 65.2313, 71.0369**.

A 20% lighter version of the original color is **71.9931, 88.9536, 69.8752**, and **26.2483, 42.9324, 17.7298** is the 20% darker color. If you saturate the color by 10%, you get **47.4013, 77.1119, 30.9621**, and if you desaturate by 10%, it is **60.6961, 83.4981, 52.7083**.

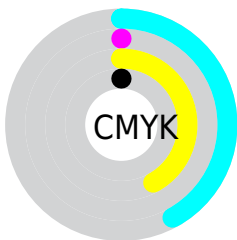
Distribution



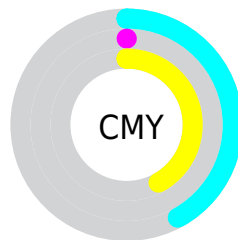
- Red (58%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (100%)



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





- Cyan (42%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3180, 79.9540, 40.6395 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 53.3180, 79.9540, 40.6395 by changing the saturation by 10% instead.


 53.3180, 79.9540,
40.6395

 53.3180, 79.9540,
40.6395


389.7449,
494.7778, 364.4436

 38.2852, 59.6805,
27.7199


 94.2349, 133.3011,
77.3841

 26.3823, 43.1612,
17.8774


 120.8497,
167.1434, 102.0461

 17.2441, 30.0116,
10.6935


152.0559,
206.2775, 131.4594

 10.5050, 19.8474,
5.7496

188.2188,
251.0877, 166.0425

 5.7999, 12.2842,
2.6271

229.7038,
301.9585, 206.2139

 2.7633, 6.9375,
0.9064


276.8763,


 1.0299, 3.4230,


359.2741, 252.3922


0.0000


330.1015,
423.4191, 304.9959


 0.0000, 1.3564,
0.0000


 0.0000, 0.1842,
0.0000


 53.3180, 79.9540,
40.6395


 53.3180, 79.9540,
40.6395


 47.4013, 77.1119,
30.9621


 60.6961, 83.4981,
52.7083

 42.8477, 74.9246,
23.5138

 69.6224, 87.7858,
67.3089

 39.5490, 73.3400,
18.1181

 80.1786, 92.8565,
84.5753

 37.3800, 72.2982,
14.5701

 92.4401, 98.7463,
104.6310

■ 36.1896, 71.7264, 95.0500, 100.0000,
12.6229 108.9000

■ 35.7600, 71.5200,
11.9202

Harmonies

Analogous

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



64.8190, 79.9540, 25.7768



53.3180, 79.9540, 40.6395



48.1106, 79.9540, 73.4804

Triad

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



53.3180, 79.9540, 40.6395



71.0926, 79.9540, 215.7912



110.6424, 79.9540, 57.5063

Complementary

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



53.3180, 79.9540, 40.6395



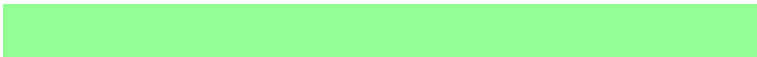
69.8797, 49.6599, 100.5081

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.



112.9861, 79.9540, 102.2091



53.3180, 79.9540, 40.6395



88.3846, 79.9540, 206.4263

Square

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



53.3180, 79.9540, 40.6395



57.3227, 79.9540, 181.9465



104.3299, 79.9540, 159.7429



98.3342, 79.9540, 32.6916

Rectangle

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



53.3180, 79.9540, 40.6395



48.2800, 79.9540, 106.4154



104.3299, 79.9540, 159.7429



112.6873, 79.9540, 70.2001

Sweetspot

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



53.3184, 79.9542, 40.6408



79.0031, 92.2918, 82.6526



82.3454, 94.9181, 41.9983



16.3887, 19.5039, 16.8385



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

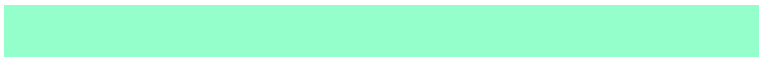
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3184, 79.9542, 40.6408



48.4507, 77.6160, 32.6786



58.5745, 82.0566, 68.3188



17.7717, 20.1682, 19.1006



18.6854, 37.3708, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



69.8797, 49.6599, 100.5081



66.9437, 43.7881, 99.5291



62.4316, 46.6807, 61.2872



18.7927, 18.3004, 22.7917



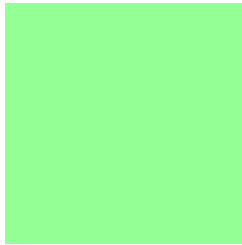
30.9799, 14.8812, 50.6718



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 53.3180, 79.9540, 40.6395 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 53.3180, 79.9540, 40.6395 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

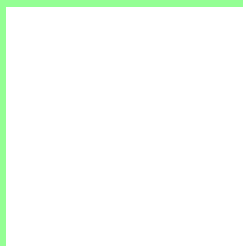
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3180, 79.9540, 40.6395

Background



This preview shows how black text looks on a background with the XYZ color 53.3180, 79.9540, 40.6395.



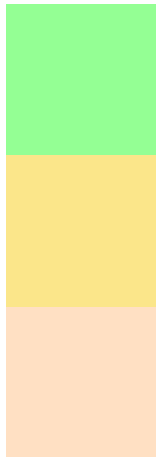
This preview shows how white text looks on a background with the XYZ color 53.3180, 79.9540,

40.6395.

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

53.3180, 79.9540, 40.6395

Protanopia

72.6679, 78.9378, 35.4513

Deuteranopia

77.7460, 78.5114, 62.6863



Tritanopia

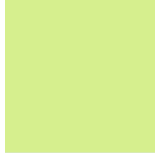
68.9241, 79.2673, 106.2752

Trichromacy



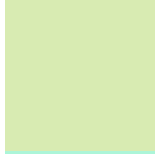
Original Color

53.3180, 79.9540, 40.6395



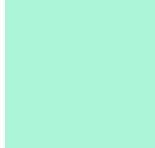
Protanomaly

63.4805, 77.9821, 37.2975



Deuteranomaly

66.0631, 77.2299, 53.5445



Tritanomaly

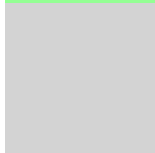
62.0603, 79.0333, 76.9498

Monochromacy



Original Color

53.3180, 79.9540, 40.6395



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

57.2852, 69.2604, 57.9263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3180, 79.9540, 40.6395 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(148, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 148)  
}
```

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(148, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.3180, 79.9540, 40.6395 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(148, 255, 148) }
```


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

```
.border{ border-color:rgb(148, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3180, 79.9540, 40.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 148) }
```

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

```
.background{ background-color: rgb(148,  
255, 148) }
```

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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