

Converting Colors

XYZ(52.5528, 79.5861, 39.4024)

Have a look what the booklet for
XYZ(52.5528, 79.5861, 39.4024)
contains.

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Color

**XYZ(52.5479, 79.5841,
39.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	91FF91
RGB	145, 255, 145
RGB Percent	57%, 100%, 57%
CMY	0.4314, 0.0000, 0.4314
CMYK	0.43, 0.00, 0.43, 0.00
HSL	120°, 100%, 78%
HSV	120°, 43%, 100%
XYZ	52.5479, 79.5841, 39.3798
YIQ	209.5700, -30.2500, -57.5300

Conversions

Conversions Part 2

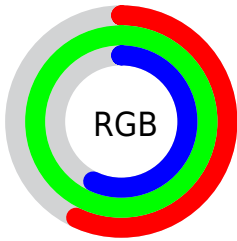
Format	Color
RYB	145, 255, 255
Decimal	9568145
CIELab	91.50, -52.98, 42.85
CIELCh	91, 68.139, 141.039
Yxy	79.5841, 0.3064, 0.4640
Android (android.graphics.Color)	4287758225 (0xFF91FF91)
YUV	209.5700, -31.8330, -56.6279
Hunter-Lab	89.2099, -50.9743, 36.2746

Details

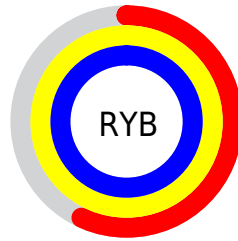
The XYZ color **52.5479, 79.5841, 39.3798** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69.4152, 48.7309, 100.3533**, and the grayscale version is **61.1926, 64.3794, 70.1091**.

A 20% lighter version of the original color is **70.8139, 88.3866, 67.9716**, and **25.7358, 42.6836, 17.0076** is the 20% darker color. If you saturate the color by 10%, you get **46.7968, 76.8215, 29.9734**, and if you desaturate by 10%, it is **59.7494, 83.0433, 51.1598**.

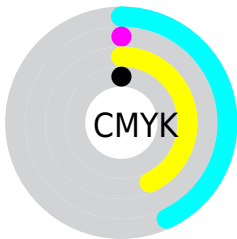
Distribution



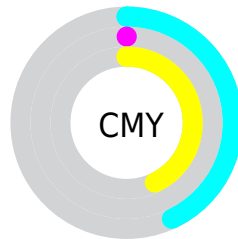
- Red (57%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5479, 79.5841, 39.3798 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 52.5479, 79.5841, 39.3798 by changing the saturation by 10% instead.


 52.5479, 79.5841,
39.3798

 52.5479, 79.5841,
39.3798


386.8375,
493.5301, 358.9766

 37.6680, 59.3762,
26.7452


 93.1082, 132.7808,
75.4449

 25.9012, 42.9160,
17.1512


 119.5194,
166.5384, 99.7125

 16.8820, 29.8192,
10.1793


150.5050,
205.5814, 128.6948

 10.2452, 19.7014,
5.4108

186.4304,
250.2941, 162.8104

 5.6253, 12.1782,
2.4273

227.6610,
301.0609, 202.4779

 2.6571, 6.8651,
0.8013


274.5622,


 0.9751, 3.3779,


358.2662, 248.1157


0.0000


327.4992,
422.2945, 300.1424


 0.0000, 1.3321,
0.0000


 0.0000, 0.1658,
0.0000


 52.5479, 79.5841,
39.3798


 52.5479, 79.5841,
39.3798


 46.7968, 76.8215,
29.9734


 59.7494, 83.0433,
51.1598


 42.3968, 74.7080,
22.7762

 68.4892, 87.2415,
65.4553

 39.2378, 73.1906,
17.6091

 78.8497, 92.2181,
82.4016

 37.1924, 72.2081,
14.2633

 90.9068, 98.0098,
102.1231

■ 36.1054, 71.6859, 95.0500, 100.0000,
12.4851 108.9000

■ 35.7600, 71.5200,
11.9201

Harmonies

Analogous

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



64.2835, 79.5841, 24.5592



52.5479, 79.5841, 39.3798



47.2350, 79.5841, 72.6026

Triad

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



52.5479, 79.5841, 39.3798



70.5623, 79.5841, 219.4937



111.2595, 79.5841, 56.6724

Complementary

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



52.5479, 79.5841, 39.3798



69.4152, 48.7309, 100.3533

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.



113.6264, 79.5841, 102.4096



52.5479, 79.5841, 39.3798



88.2661, 79.5841, 209.9642

Square

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



52.5479, 79.5841, 39.3798



56.5391, 79.5841, 184.2363



104.6710, 79.5841, 161.7122



98.6261, 79.5841, 31.5589

Rectangle

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



52.5479, 79.5841, 39.3798



47.3886, 79.5841, 106.2713



104.6710, 79.5841, 161.7122



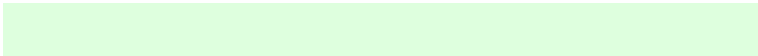
113.3511, 79.5841, 69.6121

Sweetspot

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



52.5483, 79.5843, 39.3810



79.0031, 92.2918, 82.6525



82.1109, 94.8244, 40.7637



16.3887, 19.5039, 16.8385



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

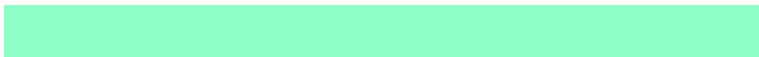
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5483, 79.5843, 39.3810



47.3807, 77.1020, 30.9284



57.8626, 81.7100, 67.3658



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



69.4152, 48.7309, 100.3533



66.2983, 42.4973, 99.3140



61.7909, 45.6812, 60.2045



18.7927, 18.3004, 22.7917



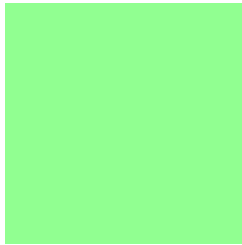
30.9799, 14.8812, 50.6719



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 52.5479, 79.5841, 39.3798 looks on a white background.

Color Contrast Check

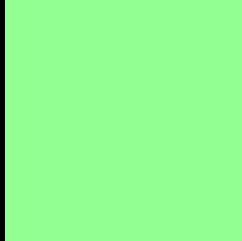
Large Text (above 18pt) WCAG AA × Fail

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 52.5479, 79.5841, 39.3798 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

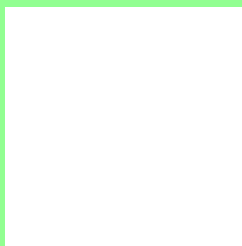
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5479, 79.5841, 39.3798

Background



This preview shows how black text looks on a background with the XYZ color 52.5479, 79.5841, 39.3798.

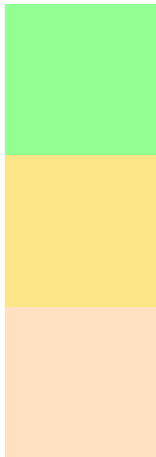


This preview shows how white text looks on a background with the XYZ color 52.5479, 79.5841,

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

52.5479, 79.5841, 39.3798

Protanopia

72.1761, 78.2971, 34.2304

Deuteranopia

77.5213, 78.4216, 61.5031



Tritanopia

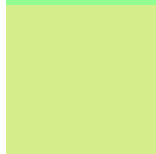
68.4449, 79.0203, 106.2527

Trichromacy



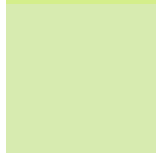
Original Color

52.5479, 79.5841, 39.3798



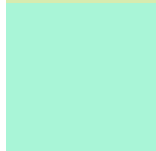
Protanomaly

62.3861, 77.0102, 36.0025



Deuteranomaly

65.5691, 76.9983, 52.4806



Tritanomaly

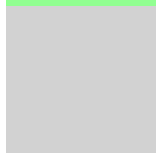
61.2803, 78.6461, 76.2404

Monochromacy



Original Color

52.5479, 79.5841, 39.3798



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.3090, 68.3770, 56.6847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5479, 79.5841, 39.3798 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(145, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 145)  
}
```

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(145, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 145) }
```

Border

The CSS property to change the border of an element to XYZ 52.5479, 79.5841, 39.3798 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(145, 255, 145) }
```


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

```
.border{ border-color:rgb(145, 255, 145) }
```

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

Here you see how a box with a 4 pixel rgb(145, 255, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5479, 79.5841, 39.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 145) }
```

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

```
.background{ background-color: rgb(145,  
255, 145) }
```

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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