

Converting Colors

XYZ(53.4912, 83.6845, 26.2959)

Have a look what the booklet for
XYZ(53.4912, 83.6845, 26.2959)
contains.

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Color

**XYZ(51.1571, 79.1747,
25.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF67
RGB	152, 255, 103
RGB Percent	60%, 100%, 40%
CMY	0.4039, 0.0000, 0.5961
CMYK	0.40, 0.00, 0.60, 0.00
HSL	101°, 100%, 70%
HSV	101°, 60%, 100%
XYZ	51.1571, 79.1747, 25.4179
YIQ	206.8750, -12.5960, -69.1080

Conversions

Conversions Part 2

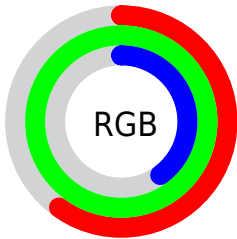
Format	Color
RYB	103, 255, 206
Decimal	10026855
CIELab	91.31, -55.84, 61.88
CIElCh	91, 83.347, 132.065
Yxy	79.1747, 0.3285, 0.5083
Android (android.graphics.Color)	4288216935 (0xFF98FF67)
YUV	206.8750, -51.2104, -48.1254
Hunter-Lab	88.9802, -53.0908, 45.3495

Details

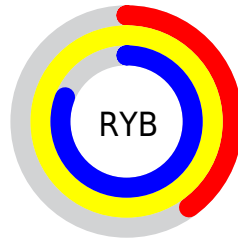
The XYZ color **51.1571, 79.1747, 25.4179** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **48.3554, 30.0437, 97.8582**, and the grayscale version is **59.5528, 62.6542, 68.2304**.

A 20% lighter version of the original color is **68.8820, 87.8721, 46.1314**, and **24.9736, 42.4569, 9.4635** is the 20% darker color. If you saturate the color by 10%, you get **47.0641, 77.1907, 19.5337**, and if you desaturate by 10%, it is **56.1120, 81.5579, 33.3814**.

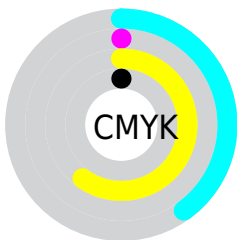
Distribution



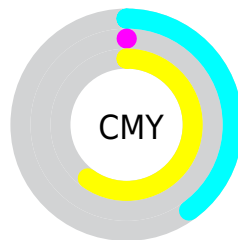
- Red (60%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1571, 79.1747, 25.4179 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 51.1571, 79.1747, 25.4179 by changing the saturation by 10% instead.


 51.1571, 79.1747,
25.4179


 51.1571, 79.1747,
25.4179


381.5515,
492.1471, 293.4268

 36.5552, 59.0395,
16.1668


 91.0686, 132.2048,
53.3069


 25.0354, 42.6449,
9.4867


 117.1088,
165.8684, 72.7819

 16.2323, 29.6066,
4.9588


 147.6926,
204.8103, 96.5019

 9.7806, 19.5402,
2.1648

 183.1852,
249.4148, 124.8855

 5.3149, 12.0612,
0.6539

223.9521,
300.0663, 158.3513

 2.4698, 6.7854,
0.0000

270.3585,

 0.8801, 3.3283,

357.1493, 197.3177

0.0000

322.7698,
421.0481, 242.2034

0.0000, 1.3054,
0.0000

0.0000, 0.1454,
0.0000

51.1571, 79.1747,
25.4179

51.1571, 79.1747,
25.4179

47.0641, 77.1907,
19.5337

56.1120, 81.5579,
33.3814

43.7753, 75.5804,
15.5306

61.9792, 84.3627,
43.5907

41.2254, 74.3153,
13.1786

68.8059, 87.6099,
56.1997

39.3222, 73.3557,
12.1154

76.6355, 91.3191,
71.3476

■ 39.2570, 73.3228,
12.0837

■ 85.5084, 95.5081,
89.1629

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



67.0668, 79.1747, 15.0973



51.1571, 79.1747, 25.4179



42.8065, 79.1747, 55.0783

Triad

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



51.1571, 79.1747, 25.4179



63.4085, 79.1747, 251.3387



122.4552, 79.1747, 64.0778

Complementary

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



51.1571, 79.1747, 25.4179



48.3554, 30.0437, 97.8582

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.



120.9695, 79.1747, 127.2906



51.1571, 79.1747, 25.4179



84.0800, 79.1747, 257.6941

Square

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



51.1571, 79.1747, 25.4179



48.9131, 79.1747, 190.1867



105.9294, 79.1747, 204.8462



109.6729, 79.1747, 29.3416

Rectangle

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



51.1571, 79.1747, 25.4179



41.4814, 79.1747, 90.4736



105.9294, 79.1747, 204.8462



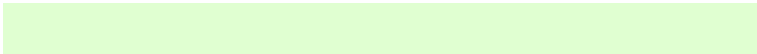
123.6657, 79.1747, 82.0783

Sweetspot

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



51.1573, 79.1748, 25.4191



77.9892, 91.9591, 74.0259



65.3609, 65.5844, 22.0473



16.1722, 19.4368, 14.8168



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.



51.1573, 79.1748, 25.4191



46.2059, 76.7722, 18.4120



45.2725, 75.9712, 32.8163



18.3228, 20.4523, 19.1263



20.6501, 38.3836, 6.3204



2.1191, 3.7932, 0.6205

Inverse Universe

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



48.3554, 30.0437, 97.8582



43.0460, 23.4887, 96.8727



60.3269, 36.6559, 78.5140



18.1900, 17.9897, 22.7636



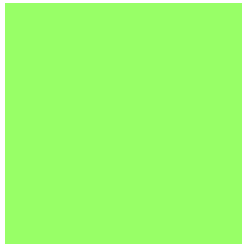
18.5763, 8.4869, 50.0936



1.9230, 0.8853, 4.8828

Previews

White Background



This preview shows how the XYZ color 51.1571, 79.1747, 25.4179 looks on a white background.

Color Contrast Check

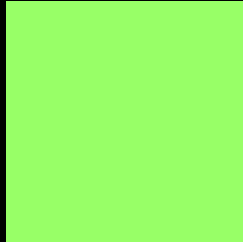
Large Text (above 18pt) WCAG AA × Fail

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 51.1571, 79.1747, 25.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

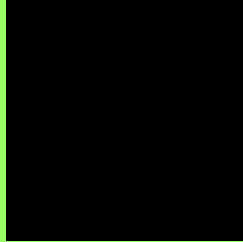
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1571, 79.1747, 25.4179

Background



This preview shows how black text looks on a background with the XYZ color 51.1571, 79.1747, 25.4179.



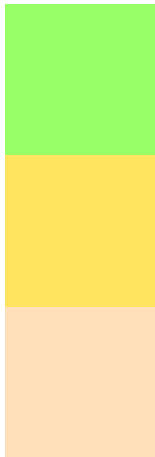
This preview shows how white text looks on a background with the XYZ color 51.1571, 79.1747,

25.4179.

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

51.1571, 79.1747, 25.4179

Protanopia

71.3249, 78.1248, 22.1469

Deuteranopia

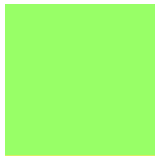
76.7586, 78.1165, 57.4867



Tritanopia

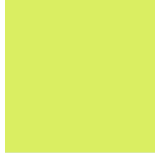
68.6321, 78.6834, 106.1779

Trichromacy



Original Color

51.1571, 79.1747, 25.4179



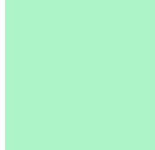
Protanomaly

61.6926, 76.9363, 23.1539



Deuteranomaly

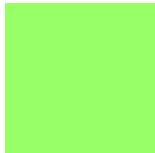
64.6225, 76.7224, 42.8554



Tritanomaly

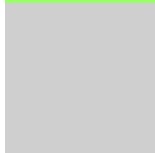
60.0096, 77.7557, 66.4891

Monochromacy



Original Color

51.1571, 79.1747, 25.4179



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

54.3106, 66.7407, 47.5559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1571, 79.1747, 25.4179 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(152, 255, 103)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 103)  
}
```

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(152, 255, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 103) }
```

Border

The CSS property to change the border of an element to XYZ 51.1571, 79.1747, 25.4179 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(152, 255, 103) }
```


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

```
.border{ border-color:rgb(152, 255, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 103);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1571, 79.1747, 25.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 103) }
```

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

```
.background{ background-color: rgb(152,  
255, 103) }
```

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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