

Converting Colors

XYZ(52.6425, 81.1697, 31.1865)

Have a look what the booklet for
XYZ(52.6425, 81.1697, 31.1865)
contains.

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Color

**XYZ(51.6673, 79.3147,
30.9985)**

Conversions

Conversions Part 1

Format	Color
Hex	95FF7A
RGB	149, 255, 122
RGB Percent	58%, 100%, 48%
CMY	0.4157, 0.0000, 0.5216
CMYK	0.42, 0.00, 0.52, 0.00
HSL	108°, 100%, 74%
HSV	108°, 52%, 100%
XYZ	51.6673, 79.3147, 30.9985
YIQ	208.1440, -20.4830, -63.8350

Conversions

Conversions Part 2

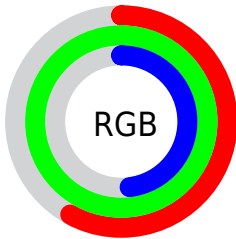
Format	Color
RYB	122, 255, 228
Decimal	9830266
CIELab	91.38, -54.76, 53.56
CIELCh	91, 76.603, 135.636
Yxy	79.3147, 0.3190, 0.4897
Android (android.graphics.Color)	4288020346 (0xFF95FF7A)
YUV	208.1440, -42.4690, -51.8693
Hunter-Lab	89.0588, -52.2965, 41.7042

Details

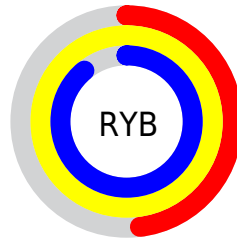
The XYZ color **51.6673, 79.3147, 30.9985** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **57.0059, 37.6345, 98.8674**, and the grayscale version is **60.3239, 63.4655, 69.1139**.

A 20% lighter version of the original color is **69.7082, 88.1042, 54.9268**, and **25.2261, 42.5235, 12.3472** is the 20% darker color. If you saturate the color by 10%, you get **46.8988, 77.0157, 23.5820**, and if you desaturate by 10%, it is **57.4980, 82.1134, 40.6305**.

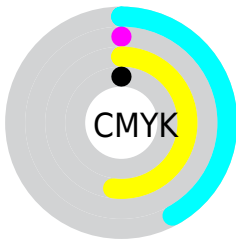
Distribution



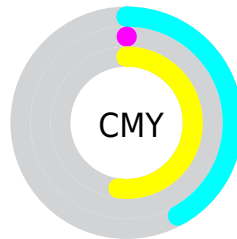
- Red (58%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)




- Cyan (42%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6673, 79.3147, 30.9985 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 51.6673, 79.3147, 30.9985 by changing the saturation by 10% instead.


 51.6673, 79.3147,
30.9985


 51.6673, 79.3147,
30.9985


383.4959,
492.6203, 320.8824


 36.9632, 59.1546,
20.3393


 91.8175, 132.4018,
62.3173

 25.3525, 42.7376,
12.4554


 117.9943,
166.0976, 83.8139

 16.4700, 29.6793,
6.9283

 148.7260,
205.0740, 109.7600

 9.9503, 19.5953,
3.3395

184.3780,
249.7156, 140.5742

 5.4280, 12.1012,
1.2705

225.3157,
300.4066, 176.6750

 2.5378, 6.8126,
0.0374

271.9043,

 0.9144, 3.3452,

357.5314, 218.4809

0.0000

324.5093,
421.4745, 266.4105

0.0000, 1.3145,
0.0000

0.0000, 0.1524,
0.0000

51.6673, 79.3147,
30.9985

51.6673, 79.3147,
30.9985

46.8988, 77.0157,
23.5820

57.4980, 82.1134,
40.6305

43.1248, 75.1853,
18.2012


64.4506, 85.4392,
52.6316


40.2707, 73.7895,
14.6541

72.5816, 89.3180,
67.1459

38.2497, 72.7889,
12.6957

81.9432, 93.7740,
84.3050

 37.1640, 72.2438,
11.9857

 92.5843, 98.8297,
104.2314

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.



65.7407, 79.3147, 18.7974



51.6673, 79.3147, 30.9985



44.6280, 79.3147, 62.4025

Triad

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



51.6673, 79.3147, 30.9985



66.4764, 79.3147, 237.4006



117.4832, 79.3147, 60.5688

Complementary

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



51.6673, 79.3147, 30.9985



57.0059, 37.6345, 98.8674

Split Complementary

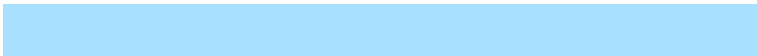
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



117.7727, 79.3147, 115.7777



51.6673, 79.3147, 30.9985



85.9320, 79.3147, 236.1934

Square

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



51.6673, 79.3147, 30.9985



52.1256, 79.3147, 187.9072



105.4381, 79.3147, 185.0944



104.7046, 79.3147, 30.1559

Rectangle

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



51.6673, 79.3147, 30.9985



43.9342, 79.3147, 97.3225



105.4381, 79.3147, 185.0944



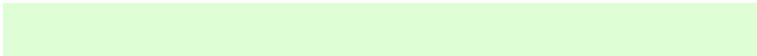
119.1095, 79.3147, 76.2537

Sweetspot

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



51.6676, 79.3149, 30.9997



78.1952, 91.9911, 77.3871



71.9995, 77.1582, 29.5118



16.3239, 19.4933, 15.8067



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.



51.6676, 79.3149, 30.9997



46.5426, 76.8434, 23.0514



50.1043, 78.1849, 45.5643



18.1159, 20.3457, 19.1166



19.5153, 37.7986, 6.2673



1.9844, 3.7238, 0.6142

Inverse Universe

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



57.0059, 37.6345, 98.8674



52.3276, 30.8790, 97.8100



60.7658, 40.2063, 70.4204



18.4103, 18.1032, 22.7739



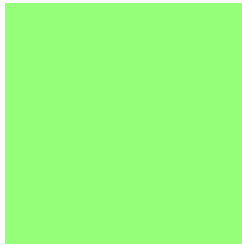
22.4607, 10.4894, 50.2754



2.2740, 1.0662, 4.8992

Previews

White Background



This preview shows how the XYZ color 51.6673, 79.3147, 30.9985 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 51.6673, 79.3147, 30.9985 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

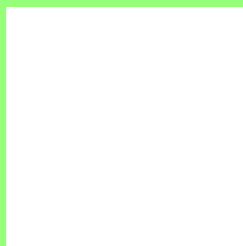
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6673, 79.3147, 30.9985

Background



This preview shows how black text looks on a background with the XYZ color 51.6673, 79.3147, 30.9985.



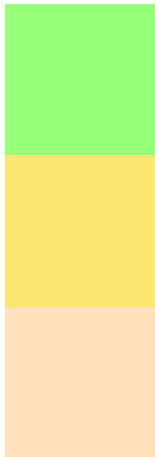
This preview shows how white text looks on a background with the XYZ color 51.6673, 79.3147,

30.9985.

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

51.6673, 79.3147, 30.9985

Protanopia

71.5080, 78.1135, 26.9313

Deuteranopia

76.9728, 78.2021, 58.6146



Tritanopia

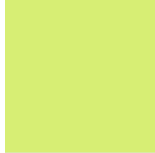
68.3917, 78.5594, 106.1666

Trichromacy



Original Color

51.6673, 79.3147, 30.9985



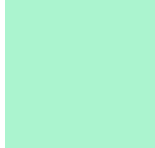
Protanomaly

61.7513, 76.8571, 28.1033



Deuteranomaly

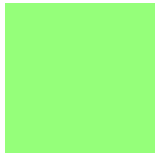
64.7281, 76.6959, 46.5142



Tritanomaly

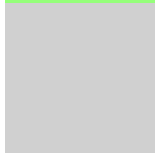
60.4078, 77.8643, 70.8770

Monochromacy



Original Color

51.6673, 79.3147, 30.9985



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.3545, 67.5895, 51.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6673, 79.3147, 30.9985 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(149, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 122)  
}
```

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(149, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 122) }
```

Border

The CSS property to change the border of an element to XYZ 51.6673, 79.3147, 30.9985 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(149, 255, 122) }
```


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

```
.border{ border-color:rgb(149, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6673, 79.3147, 30.9985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 122) }
```

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

```
.background{ background-color: rgb(149,  
255, 122) }
```

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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