

Converting Colors

XYZ(54.7608, 85.2455, 32.8023)

Have a look what the booklet for
XYZ(54.7608, 85.2455, 32.8023)
contains.

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Color

**XYZ(51.8561, 79.3902,
31.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	95FF7D
RGB	149, 255, 125
RGB Percent	58%, 100%, 49%
CMY	0.4157, 0.0000, 0.5098
CMYK	0.42, 0.00, 0.51, 0.00
HSL	109°, 100%, 75%
HSV	109°, 51%, 100%
XYZ	51.8561, 79.3902, 31.9928
YIQ	208.4860, -21.4460, -62.9020

Conversions

Conversions Part 2

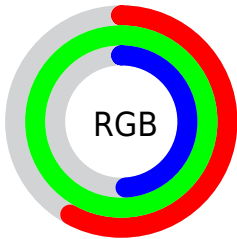
Format	Color
RYB	125, 255, 231
Decimal	9830269
CIELab	91.41, -54.42, 52.23
CIELCh	91, 75.425, 136.175
Yxy	79.3902, 0.3177, 0.4863
Android (android.graphics.Color)	4288020349 (0xFF95FF7D)
YUV	208.4860, -41.1586, -52.1692
Hunter-Lab	89.1012, -52.0416, 41.0821

Details

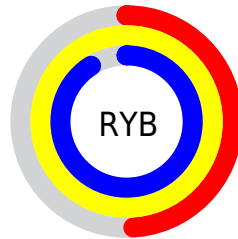
The XYZ color **51.8561, 79.3902, 31.9928** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **58.3401, 38.8776, 99.0370**, and the grayscale version is **60.5388, 63.6915, 69.3600**.

A 20% lighter version of the original color is **70.0106, 88.2252, 56.5192**, and **25.3524, 42.5740, 13.0123** is the 20% darker color. If you saturate the color by 10%, you get **46.9697, 77.0358, 24.3249**, and if you desaturate by 10%, it is **57.8386, 82.2613, 41.8969**.

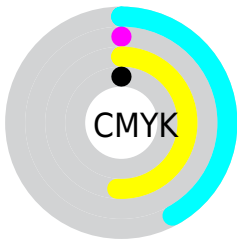
Distribution



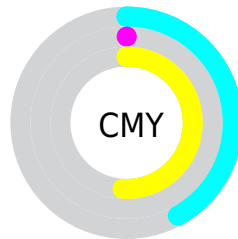
- Red (58%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8561, 79.3902, 31.9928 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 51.8561, 79.3902, 31.9928 by changing the saturation by 10% instead.


 51.8561, 79.3902,
31.9928


 51.8561, 79.3902,
31.9928


384.2139,
492.8754, 325.5782


 37.1142, 59.2167,
21.0912


 92.0945, 132.5080,
63.8976

 25.4700, 42.7876,
12.9988


 118.3216,
166.2212, 85.7379

 16.5582, 29.7185,
7.2970


 149.1079,
205.2163, 112.0615

 10.0133, 19.6250,
3.5673

184.8187,
249.8777, 143.2869

 5.4701, 12.1228,
1.3911

225.8194,
300.5900, 179.8328

 2.5632, 6.8273,
0.1348

272.4752,

 0.9272, 3.3544,

357.7374, 222.1176

0.0000

325.1516,
421.7044, 270.5599

0.0000, 1.3194,
0.0000

0.0000, 0.1562,
0.0000

51.8561, 79.3902,
31.9928

51.8561, 79.3902,
31.9928

46.9697, 77.0358,
24.3249

57.8386, 82.2613,
41.8969

43.1096, 75.1661,
18.7156

64.9788, 85.6775,
54.1889

40.1993, 73.7457,
14.9667

73.3346, 89.6657,
69.0116

38.1500, 72.7342,
12.8392

82.9601, 94.2508,
86.4955

■ 36.9356, 72.1261,
11.9750

93.9057, 99.4562,
106.7621

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.



65.6439, 79.3902, 19.5092



51.8561, 79.3902, 31.9928



45.0136, 79.3902, 63.5801

Triad

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



51.8561, 79.3902, 31.9928



66.9839, 79.3902, 234.9085



116.7082, 79.3902, 60.2324

Complementary

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



51.8561, 79.3902, 31.9928



58.3401, 38.8776, 99.0370

Split Complementary

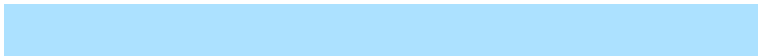
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



117.2323, 79.3902, 114.2176



51.8561, 79.3902, 31.9928



86.2045, 79.3902, 232.7327

Square

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



51.8561, 79.3902, 31.9928



52.6932, 79.3902, 187.2245



105.3142, 79.3902, 182.1453



103.9846, 79.3902, 30.4402

Rectangle

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



51.8561, 79.3902, 31.9928



44.4108, 79.3902, 98.3076



105.3142, 79.3902, 182.1453



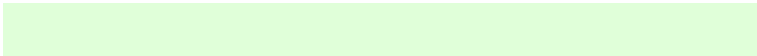
118.3823, 79.3902, 75.5725

Sweetspot

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



51.8564, 79.3904, 31.9940



78.9338, 92.3338, 79.1372



72.9614, 78.7798, 30.7638



16.4613, 19.5566, 16.1509



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.



51.8564, 79.3904, 31.9940



46.9605, 77.0314, 24.3110



50.9191, 78.5607, 47.6032



18.0843, 20.3294, 19.1151



19.3889, 37.7334, 6.2614



1.9677, 3.7152, 0.6134

Inverse Universe

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



58.3401, 38.8776, 99.0370



54.0084, 32.4442, 98.0235



60.9689, 40.8861, 69.6449



18.4445, 18.1209, 22.7755



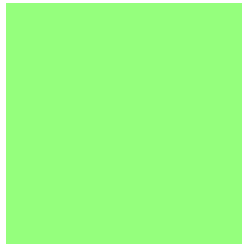
23.1313, 10.8351, 50.3068



2.3336, 1.0969, 4.9020

Previews

White Background



This preview shows how the XYZ color 51.8561, 79.3902, 31.9928 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 51.8561, 79.3902, 31.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

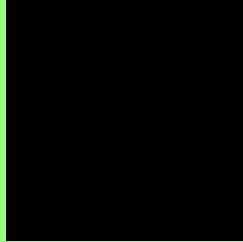
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

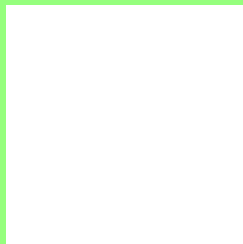
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8561, 79.3902, 31.9928

Background



This preview shows how black text looks on a background with the XYZ color 51.8561, 79.3902, 31.9928.

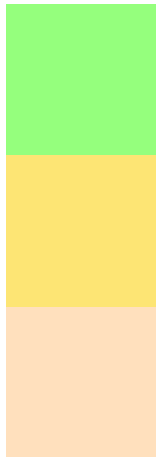


This preview shows how white text looks on a background with the XYZ color 51.8561, 79.3902,

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

51.8561, 79.3902, 31.9928

Protanopia

71.6797, 78.1822, 27.8357

Deuteranopia

77.0810, 78.2454, 59.1844



Tritanopia

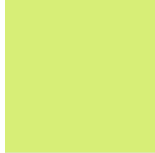
68.6837, 79.1434, 106.2639

Trichromacy



Original Color

51.8561, 79.3902, 31.9928



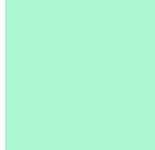
Protanomaly

61.9286, 76.9281, 29.0374



Deuteranomaly

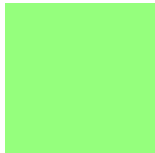
64.9102, 76.7688, 47.4731



Tritanomaly

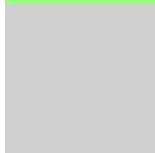
60.8322, 78.5168, 71.6236

Monochromacy



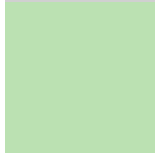
Original Color

51.8561, 79.3902, 31.9928



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.4546, 67.6296, 52.2505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8561, 79.3902, 31.9928 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 125) }
```

Border

The CSS property to change the border of an element to XYZ 51.8561, 79.3902, 31.9928 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, 125) }
```


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

```
.border{ border-color:rgb(149, 255, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8561, 79.3902, 31.9928 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, 125) }
```

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

```
.background{ background-color: rgb(149,  
255, 125) }
```

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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