

Converting Colors

XYZ(54.2655, 83.6102, 31.8814)

Have a look what the booklet for
XYZ(54.2655, 83.6102, 31.8814)
contains.

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Color

**XYZ(52.2840, 79.6255,
31.3525)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF7B
RGB	152, 255, 123
RGB Percent	60%, 100%, 48%
CMY	0.4039, 0.0000, 0.5176
CMYK	0.40, 0.00, 0.52, 0.00
HSL	107°, 100%, 74%
HSV	107°, 52%, 100%
XYZ	52.2840, 79.6255, 31.3525
YIQ	209.1550, -19.0160, -62.8880

Conversions

Conversions Part 2

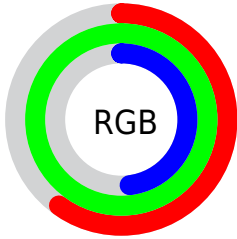
Format	Color
RYB	123, 255, 226
Decimal	10026875
CIELab	91.52, -53.75, 53.30
CIElCh	92, 75.701, 135.239
Yxy	79.6255, 0.3202, 0.4877
Android (android.graphics.Color)	4288216955 (0xFF98FF7B)
YUV	209.1550, -42.4744, -50.1249
Hunter-Lab	89.2331, -51.5702, 41.6313

Details

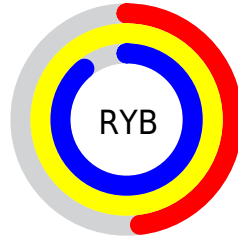
The XYZ color **52.2840, 79.6255, 31.3525** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **56.4986, 37.5562, 98.8790**, and the grayscale version is **60.9828, 64.1586, 69.8688**.

A 20% lighter version of the original color is **70.6599, 88.5832, 55.4936**, and **25.6878, 42.7544, 12.6929** is the 20% darker color. If you saturate the color by 10%, you get **47.4729, 77.3062, 23.8523**, and if you desaturate by 10%, it is **58.1362, 82.4333, 41.0736**.

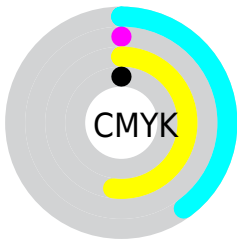
Distribution



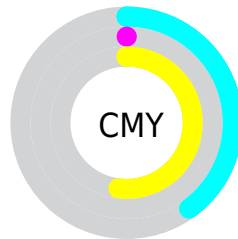
- Red (60%)
- Green (100%)
- Blue (48%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2840, 79.6255, 31.3525 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 52.2840, 79.6255, 31.3525 by changing the saturation by 10% instead.


 52.2840, 79.6255,
31.3525

 52.2840, 79.6255,
31.3525


385.8380,
493.6698, 322.5604


 37.4567, 59.4102,
20.6067


 92.7217, 132.8391,
62.8807

 25.7366, 42.9434,
12.6484


 119.0628,
166.6062, 84.5002

 16.7583, 29.8407,
7.0590


 149.9725,
205.6593, 110.5813

 10.1566, 19.7177,
3.4200

185.8162,
250.3829, 141.5426

 5.5659, 12.1900,
1.3129

226.9592,
301.1614, 177.8026

 2.6211, 6.8732,
0.0723

273.7670,

 0.9567, 3.3829,

358.3791, 219.7799

0.0000

326.6048,
422.4205, 267.8929

0.0000, 1.3348,
0.0000

0.0000, 0.1679,
0.0000

52.2840, 79.6255,
31.3525

52.2840, 79.6255,
31.3525

47.4729, 77.3062,
23.8523

58.1362, 82.4333,
41.0736

43.6378, 75.4460,
18.3941

65.0871, 85.7561,
53.1684

40.7073, 74.0123,
14.7774

73.1909, 89.6187,
67.7805

38.5983, 72.9676,
12.7595

82.4979, 94.0442,
85.0410

■ 37.3918, 72.3612,
11.9964

■ 93.0554, 99.0544,
105.0720

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.



66.3458, 79.6255, 19.2935



52.2840, 79.6255, 31.3525



45.1850, 79.6255, 62.3549

Triad

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



52.2840, 79.6255, 31.3525



66.6203, 79.6255, 235.3064



117.4006, 79.6255, 61.6695

Complementary

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



52.2840, 79.6255, 31.3525



56.4986, 37.5562, 98.8790

Split Complementary

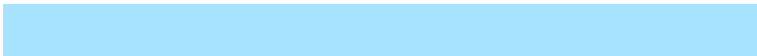
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



117.5080, 79.6255, 116.6737



52.2840, 79.6255, 31.3525



85.8546, 79.6255, 234.8599

Square

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



52.2840, 79.6255, 31.3525



52.4554, 79.6255, 186.0993



105.1880, 79.6255, 185.0574



104.9154, 79.6255, 31.0352

Rectangle

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



52.2840, 79.6255, 31.3525



44.4312, 79.6255, 96.7639



105.1880, 79.6255, 185.0574



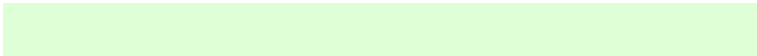
118.9472, 79.6255, 77.3568

Sweetspot

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



52.2843, 79.6255, 31.3537



78.4048, 92.0991, 77.3969



71.5251, 76.1095, 29.6609



16.3733, 19.5187, 15.8090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

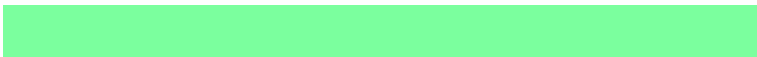
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.2843, 79.6255, 31.3537



47.3711, 77.2570, 23.7002



50.1179, 78.2068, 44.8932



18.1446, 20.3605, 19.1180



19.6407, 37.8633, 6.2732



2.0005, 3.7321, 0.6149

Inverse Universe

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



56.4986, 37.5562, 98.8790



51.9123, 31.0086, 97.8569



61.2153, 40.5836, 72.1790



18.3793, 18.0873, 22.7724



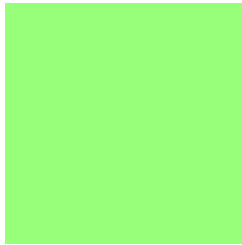
21.8693, 10.1845, 50.2478



2.2212, 1.0390, 4.8967

Previews

White Background



This preview shows how the XYZ color 52.2840, 79.6255, 31.3525 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 52.2840, 79.6255, 31.3525 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

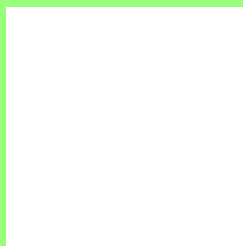
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2840, 79.6255, 31.3525

Background



This preview shows how black text looks on a background with the XYZ color 52.2840, 79.6255, 31.3525.

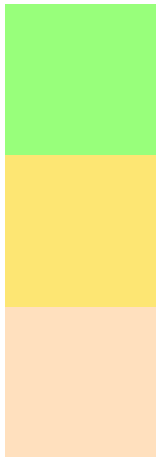


This preview shows how white text looks on a background with the XYZ color 52.2840, 79.6255,

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

52.2840, 79.6255, 31.3525

Protanopia

71.8993, 78.7141, 27.6235

Deuteranopia

77.1899, 78.2890, 59.7581



Tritanopia

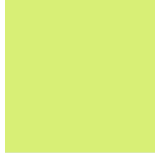
69.1662, 79.3921, 106.2865

Trichromacy



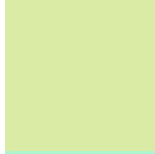
Original Color

52.2840, 79.6255, 31.3525



Protanomaly

62.4554, 77.6399, 28.8338



Deuteranomaly

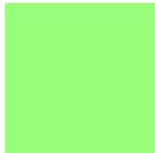
65.5047, 77.0753, 47.5009



Tritanomaly

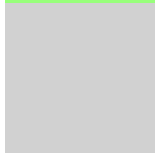
61.3705, 78.8085, 71.0085

Monochromacy



Original Color

52.2840, 79.6255, 31.3525



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

55.9713, 68.2984, 52.3524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2840, 79.6255, 31.3525 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 123) }
```

Border

The CSS property to change the border of an element to XYZ 52.2840, 79.6255, 31.3525 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, 123) }
```


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

```
.border{ border-color:rgb(152, 255, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2840, 79.6255, 31.3525 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, 123) }
```

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

```
.background{ background-color: rgb(152,  
255, 123) }
```

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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