

Converting Colors

XYZ(52.8203, 79.4435, 52.0881)

Have a look what the booklet for
XYZ(52.8203, 79.4435, 52.0881)
contains.

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Color

**XYZ(52.8185, 79.4427,
52.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	84FFAD
RGB	132, 255, 173
RGB Percent	52%, 100%, 68%
CMY	0.4823, 0.0000, 0.3216
CMYK	0.48, 0.00, 0.32, 0.00
HSL	140°, 100%, 76%
HSV	140°, 48%, 100%
XYZ	52.8185, 79.4427, 52.0853
YIQ	208.8750, -46.9860, -51.5780

Conversions

Conversions Part 2

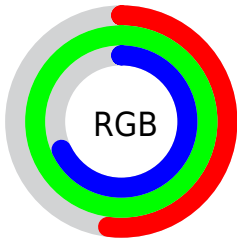
Format	Color
RYB	132, 224, 255
Decimal	8716205
CIELab	91.43, -52.01, 28.82
CIElCh	91, 59.455, 151.010
Yxy	79.4427, 0.2865, 0.4309
Android (android.graphics.Color)	4286906285 (0xFF84FFAD)
YUV	208.8750, -17.6864, -67.4194
Hunter-Lab	89.1306, -50.2001, 27.7441

Details

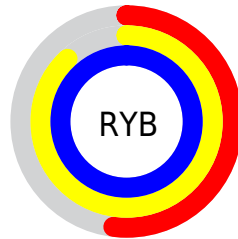
The XYZ color **52.8185, 79.4427, 52.0853** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.6289, 42.6179, 68.5956**, and the grayscale version is **60.6562, 63.8151, 69.4946**.

A 20% lighter version of the original color is **71.3887, 88.2535, 87.4008**, and **25.9550, 42.6282, 24.6294** is the 20% darker color. If you saturate the color by 10%, you get **47.7646, 77.0154, 43.8017**, and if you desaturate by 10%, it is **59.0572, 82.4565, 61.5195**.

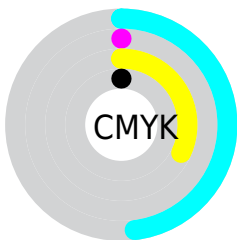
Distribution



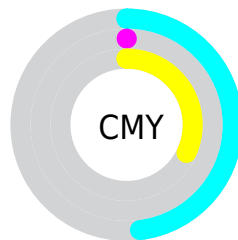
- Red (52%)
- Green (100%)
- Blue (68%)



- Red (52%)
- Yellow (88%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8185, 79.4427, 52.0853 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 52.8185, 79.4427, 52.0853 by changing the saturation by 10% instead.


 52.8185, 79.4427,
52.0853


 52.8185, 79.4427,
52.0853


387.8607,
493.0527, 411.7321


 37.8848, 59.2599,
36.6904


 93.5043, 132.5819,
94.6849

 26.0701, 42.8223,
24.6739


 119.9872,
166.3071, 122.7266

 17.0090, 29.7457,
15.6175


 151.0505,
205.3151, 155.8210

 10.3363, 19.6457,
9.1025

187.0595,
249.9905, 194.3867

 5.6865, 12.1378,
4.7104

228.3797,
300.7175, 238.8420

 2.6942, 6.8376,
2.0226

275.3764,

 0.9942, 3.3607,

357.8806, 289.6057

0.5691

328.4149,
421.8642, 347.0962

0.0000, 1.3228,
0.0000

0.0000, 0.1588,
0.0000

52.8185, 79.4427,
52.0853

52.8185, 79.4427,
52.0853

47.7646, 77.0154,
43.8017

59.0572, 82.4565,
61.5195

43.8139, 75.1336,
36.6203

66.5515, 86.0926,
72.1426

40.8762, 73.7517,
30.4946

75.3684, 90.3846,
83.9958

38.8455, 72.8160,
25.3731

85.5696, 95.3636,
97.1171

■ 37.5780, 72.2537, 95.0500, 100.0000,
21.1992 108.9000

■ 37.3998, 72.1759,
20.5551

Harmonies

Analogous

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



61.4937, 79.4427, 32.9493



52.8185, 79.4427, 52.0853



50.0021, 79.4427, 87.9760

Triad

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



52.8185, 79.4427, 52.0853



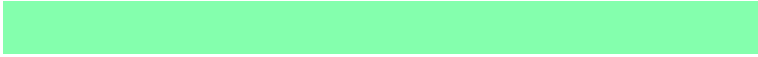
76.0217, 79.4427, 199.3652



103.2782, 79.4427, 50.2931

Complementary

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



52.8185, 79.4427, 52.0853



61.6289, 42.6179, 68.5956

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.



108.4794, 79.4427, 85.0398



52.8185, 79.4427, 52.0853



91.5042, 79.4427, 179.3280

Square

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



52.8185, 79.4427, 52.0853



62.2713, 79.4427, 181.7255



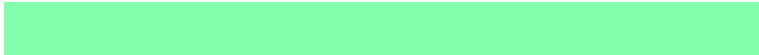
103.9112, 79.4427, 133.4736



90.4987, 79.4427, 32.1839

Rectangle

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



52.8185, 79.4427, 52.0853



51.4820, 79.4427, 119.9310



103.9112, 79.4427, 133.4736



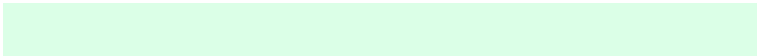
106.0419, 79.4427, 59.9414

Sweetspot

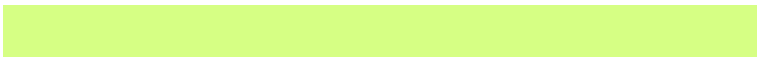
The Sweet Spot groups the original color and five complimentary colors.



52.8190, 79.4429, 52.0866



79.5159, 92.4075, 89.3953



67.6567, 87.4822, 35.1502



16.5607, 19.5551, 18.5393



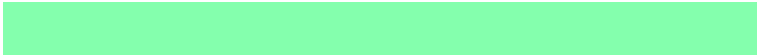
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.8190, 79.4429, 52.0866



47.8703, 77.0659, 43.9833



60.1992, 82.3950, 90.9502



18.0213, 20.2680, 20.4151



19.6037, 37.7381, 11.0646



1.9570, 3.6937, 1.3315

Inverse Universe

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



61.6289, 42.6179, 68.5956



57.6121, 36.2378, 62.1586



55.2001, 40.0464, 34.7418



18.5201, 18.1914, 21.3562



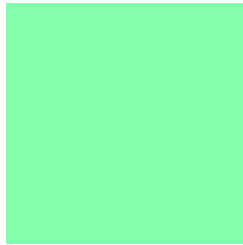
25.4121, 12.6541, 21.3523



2.5250, 1.2524, 2.3463

Previews

White Background



This preview shows how the XYZ color 52.8185, 79.4427, 52.0853 looks on a white background.

Color Contrast Check

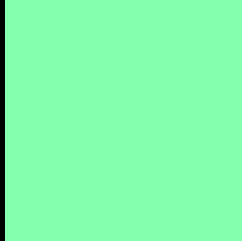
Large Text (above 18pt) WCAG AA × Fail

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 52.8185, 79.4427, 52.0853 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 52.8185, 79.4427, 52.0853

Background



This preview shows how black text looks on a background with the XYZ color 52.8185, 79.4427, 52.0853.

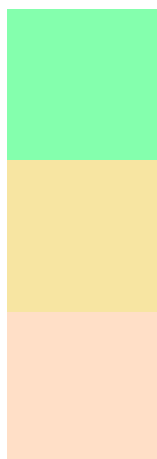


This preview shows how white text looks on a background with the XYZ color 52.8185, 79.4427, 52.0853.

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

52.8185, 79.4427, 52.0853

Protanopia

72.8987, 78.4214, 45.4771

Deuteranopia

77.9365, 78.1589, 65.0113



Tritanopia

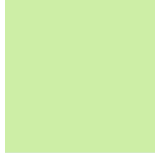
67.3416, 78.8873, 106.2852

Trichromacy



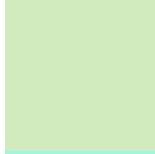
Original Color

52.8185, 79.4427, 52.0853



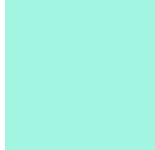
Protanomaly

62.6343, 76.8814, 47.6148



Deuteranomaly

65.5809, 76.8360, 60.0895



Tritanomaly

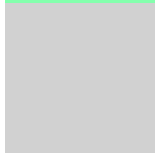
60.9410, 78.3181, 83.1391

Monochromacy



Original Color

52.8185, 79.4427, 52.0853



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.2162, 68.2020, 62.4259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8185, 79.4427, 52.0853 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(132, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 173)  
}
```

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(132, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 173) }
```

Border

The CSS property to change the border of an element to XYZ 52.8185, 79.4427, 52.0853 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(132, 255, 173) }
```


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

```
.border{ border-color:rgb(132, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8185, 79.4427, 52.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 173) }
```

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

```
.background{ background-color: rgb(132,  
255, 173) }
```

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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