

Converting Colors

XYZ(52.9535, 79.4618, 54.3730)

Have a look what the booklet for
XYZ(52.9535, 79.4618, 54.3730)
contains.

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Color

**XYZ(52.9017, 79.4402,
54.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	82FFB1
RGB	130, 255, 177
RGB Percent	51%, 100%, 69%
CMY	0.4902, 0.0000, 0.3059
CMYK	0.49, 0.00, 0.31, 0.00
HSL	143°, 100%, 75%
HSV	143°, 49%, 100%
XYZ	52.9017, 79.4402, 54.1402
YIQ	208.7330, -49.4620, -50.7580

Conversions

Conversions Part 2

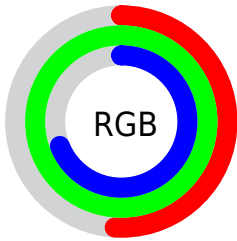
Format	Color
RYB	130, 221, 255
Decimal	8585137
CIELab	91.43, -51.78, 26.78
CIElCh	91, 58.301, 152.652
Yxy	79.4402, 0.2837, 0.4260
Android (android.graphics.Color)	4286775217 (0xFF82FFB1)
YUV	208.7330, -15.6444, -69.0488
Hunter-Lab	89.1292, -50.0294, 26.3757

Details

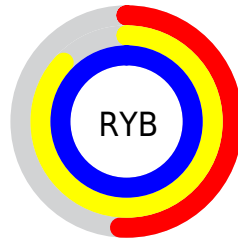
The XYZ color **52.9017, 79.4402, 54.1402** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **60.6080, 41.7798, 64.5441**, and the grayscale version is **60.5519, 63.7054, 69.3751**.

A 20% lighter version of the original color is **71.4542, 88.2220, 90.3533**, and **26.0586, 42.6529, 25.9282** is the 20% darker color. If you saturate the color by 10%, you get **47.9684, 77.0696, 46.1078**, and if you desaturate by 10%, it is **58.9901, 82.3847, 63.1946**.

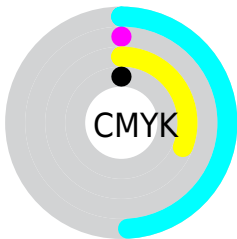
Distribution



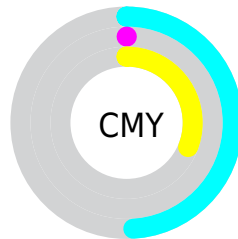
- Red (51%)
- Green (100%)
- Blue (69%)



- Red (51%)
- Yellow (87%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9017, 79.4402, 54.1402 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 52.9017, 79.4402, 54.1402 by changing the saturation by 10% instead.


 52.9017, 79.4402,
54.1402


 52.9017, 79.4402,
54.1402


388.1749,
493.0443, 419.8341


 37.9515, 59.2578,
38.3198


 93.6261, 132.5784,
97.7385

 26.1221, 42.8207,
25.9272


 120.1309,
166.3030, 126.3536

 17.0481, 29.7444,
16.5439


 151.2181,
205.3104, 160.0706

 10.3643, 19.6447,
9.7514

187.2528,
249.9851, 199.3081

 5.7053, 12.1370,
5.1310

228.6005,
300.7115, 244.4847

 2.7057, 6.8371,
2.2642

275.6265,

 1.0001, 3.3604,

357.8738, 296.0189

0.7111

328.6962,
421.8566, 354.3292

■ 0.0000, 1.3227,
0.0000

■ 0.0000, 0.1587,
0.0000

■ 52.9017, 79.4402,
54.1402

■ 52.9017, 79.4402,
54.1402

■ 47.9684, 77.0696,
46.1078

■ 58.9901, 82.3847,
63.1946

■ 44.1092, 75.2322,
39.0569

■ 66.3035, 85.9388,
73.3019

■ 41.2349, 73.8826,
32.9496

■ 74.9080, 90.1357,
84.4965

■ 39.2396, 72.9672,
27.7438

■ 84.8641, 95.0060,
96.8099

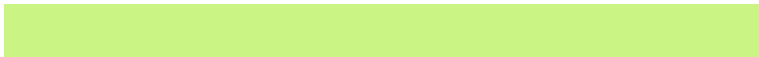
■ 37.9697, 72.4075, 95.0500, 100.0000,
23.3928 108.9000

■ 37.8659, 72.3624,
23.0096

Harmonies

Analogous

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



61.1403, 79.4402, 34.3441



52.9017, 79.4402, 54.1402



50.4503, 79.4402, 90.3316

Triad

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



52.9017, 79.4402, 54.1402



76.8329, 79.4402, 196.4239



102.1520, 79.4402, 49.4901

Complementary

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



52.9017, 79.4402, 54.1402



60.6080, 41.7798, 64.5441

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.



107.7262, 79.4402, 82.7723



52.9017, 79.4402, 54.1402



91.9611, 79.4402, 175.0967

Square

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



52.9017, 79.4402, 54.1402



63.1476, 79.4402, 181.2146



103.7748, 79.4402, 129.7039



89.3789, 79.4402, 32.3426

Rectangle

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



52.9017, 79.4402, 54.1402



52.1266, 79.4402, 121.9199



103.7748, 79.4402, 129.7039



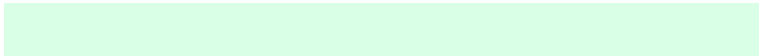
105.0002, 79.4402, 58.7001

Sweetspot

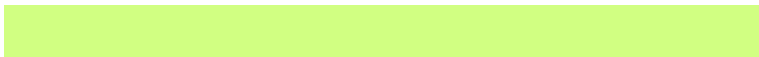
The Sweet Spot groups the original color and five complimentary colors.



52.9022, 79.4404, 54.1415



78.7435, 92.0104, 89.3089



66.1313, 86.7115, 34.3712



16.4178, 19.4806, 18.5706



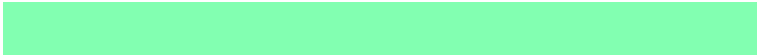
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

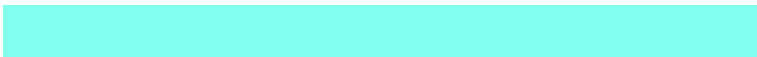
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9022, 79.4404, 54.1415



47.9766, 77.0735, 46.1221



60.4479, 82.4586, 93.8763



18.0541, 20.2812, 20.5877



19.8522, 37.8375, 12.3729



1.9839, 3.7045, 1.4730

Inverse Universe

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



60.6080, 41.7798, 64.5441



56.4885, 35.3688, 57.5357



54.4633, 39.3219, 32.1868



18.4861, 18.1777, 21.1768



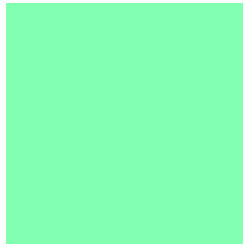
24.8989, 12.4489, 18.6500



2.4774, 1.2333, 2.0953

Previews

White Background



This preview shows how the XYZ color 52.9017, 79.4402, 54.1402 looks on a white background.

Color Contrast Check

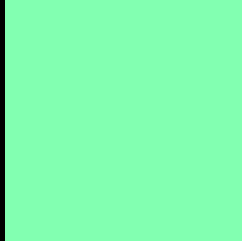
Large Text (above 18pt) WCAG AA × Fail

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 52.9017, 79.4402, 54.1402 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 52.9017, 79.4402, 54.1402

Background



This preview shows how black text looks on a background with the XYZ color 52.9017, 79.4402, 54.1402.

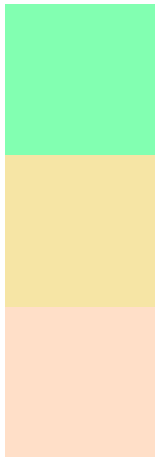


This preview shows how white text looks on a background with the XYZ color 52.9017, 79.4402,

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

52.9017, 79.4402, 54.1402

Protanopia

72.8169, 78.3481, 46.8821

Deuteranopia

78.0530, 78.2055, 65.6249



Tritanopia

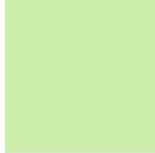
67.1146, 78.7703, 106.2746

Trichromacy



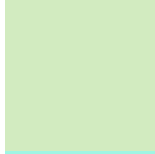
Original Color

52.9017, 79.4402, 54.1402



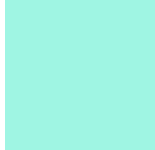
Protanomaly

62.6378, 76.8510, 49.0685



Deuteranomaly

65.8011, 76.9241, 61.2489



Tritanomaly

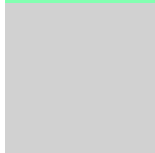
60.8156, 78.2218, 84.5660

Monochromacy



Original Color

52.9017, 79.4402, 54.1402



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.0968, 68.1272, 63.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9017, 79.4402, 54.1402 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(130, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 177)  
}
```

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(130, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.9017, 79.4402, 54.1402 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(130, 255, 177) }
```


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

```
.border{ border-color:rgb(130, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9017, 79.4402, 54.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 177) }
```

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

```
.background{ background-color: rgb(130,  
255, 177) }
```

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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