

Converting Colors

`RYB(54, 179, 252)`

Have a look what the booklet for
RYB(54, 179, 252) contains.

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Color

R_YB(54, 179, 252)

Conversions

Conversions Part 1

Format	Color
Hex	36FCAA
RGB	54, 252, 170
RGB Percent	21%, 99%, 67%
CMY	0.7882, 0.0118, 0.3348
CMYK	0.79, 0.00, 0.33, 0.01
HSL	155°, 97%, 60%
HSV	155°, 79%, 99%
XYZ	43.5526, 73.2934, 49.6995
YIQ	183.4500, -91.6860, -67.4780

Conversions

Conversions Part 2

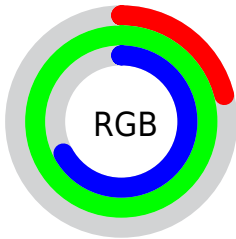
Format	Color
RYB	54, 179, 252
Decimal	3603626
CIELab	88.59, -65.33, 26.33
CIELCh	89, 70.441, 158.048
Yxy	73.2934, 0.2615, 0.4401
Android (android.graphics.Color)	4281793706 (0xFF36FCAA)
YUV	183.4500, -6.6308, -113.5276
Hunter-Lab	85.6116, -59.0131, 25.5089

Details

The RYB color **54, 179, 252** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **252, 54, 136**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **131, 201, 255**, and **0, 121, 194** is the 20% darker color. If you saturate the color by 10%, you get **29, 170, 252**, and if you desaturate by 10%, it is **79, 188, 252**.

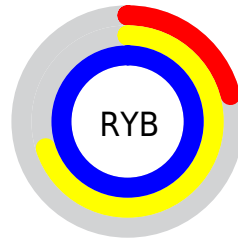
Distribution



Red (21%)

Green (99%)

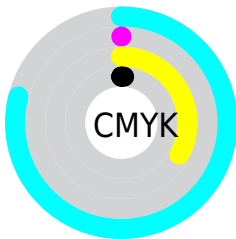
Blue (67%)



Red (21%)

Yellow (70%)

Blue (99%)

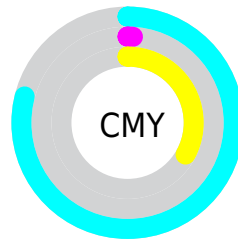


Cyan (79%)

Magenta (0%)

Yellow (33%)

Black (1%)



Cyan (79%)

















Magenta (1%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 179, 252 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 RYB color 54, 179, 252 by changing the saturation by 10% instead.

 54, 179, 252	 54, 179, 252
 255, 255, 255	 0, 136, 223
 131, 202, 255	 0, 121, 194
 164, 210, 255	 0, 107, 166
 196, 226, 255	 0, 92, 138
 227, 241, 255	 0, 80, 112
	 0, 68, 86
	 0, 61, 61
	 0, 36, 36
	 0, 0, 0

■ 54, 179, 252

■ 54, 179, 252

■ 29, 170, 252

■ 79, 188, 252

■ 4, 160, 252

■ 104, 197, 252

■ 0, 159, 252

■ 130, 207, 252

■ 155, 216, 252

■ 180, 225, 252

■ 205, 234, 252

■ 230, 244, 252

■ 255, 252, 253

■ 255, 252, 255

Harmonies

Analogous

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



111, 242, 182



54, 179, 252



0, 132, 255

Triad

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



54, 179, 252



129, 183, 255



255, 190, 143

Complementary

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



54, 179, 252



252, 54, 136

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.



255, 162, 207



54, 179, 252



250, 197, 255

Square

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



54, 179, 252



0, 124, 255



255, 172, 255



177, 255, 95

Rectangle

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



54, 179, 252



0, 128, 255



255, 172, 255



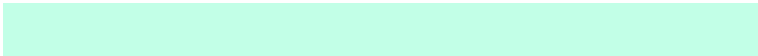
255, 169, 163

Sweetspot

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



54, 179, 252



194, 232, 255



54, 252, 170



91, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 179, 252



15, 167, 255



54, 149, 252



112, 120, 125



0, 119, 189



0, 38, 61

Inverse Universe

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



252, 54, 136



255, 15, 115



252, 73, 54



125, 112, 118



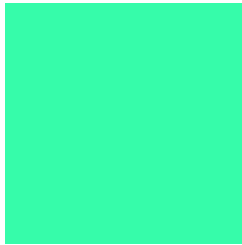
189, 0, 78



61, 0, 25

Previews

White Background



This preview shows how the RYB color 54, 179, 252 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 RYB color 54, 179, 252 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](#).

RGB 54, 179, 252 Background



This preview shows how black text looks on a background with the RGB color 54, 179, 252.

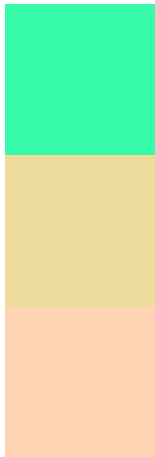


This preview shows how white text looks on a background with the RGB color 54, 179, 252.

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](#).

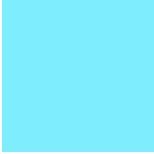
Dichromacy



Original Color
54, 179, 252

Protanopia
178, 237, 156

Deuteranopia
255, 236, 180



Tritanopia
126, 186, 255

Trichromacy



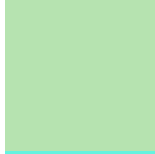
Original Color

54, 179, 252



Protanomaly

161, 232, 223



Deuteranomaly

176, 227, 221



Tritanomaly

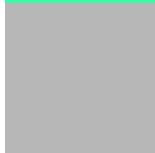
100, 177, 243

Monochromacy



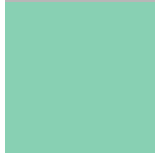
Original Color

54, 179, 252



Achromatopsia

183, 183, 183



Achromatomaly

136, 181, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 179, 252 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(54, 252, 170)` looks like.

```
.text, #text, p{  
    color:rgb(54, 252, 170)  
}
```

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(54, 252, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 252, 170) }
```

Border

The CSS property to change the border of an element to RYB 54, 179, 252 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(54, 252, 170) }
```

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

```
.border{ border-color:rgb(54, 252, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 252, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 252, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 252, 170);  
box-shadow:4px 4px 4px 4px rgb(54, 252,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 54, 179, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 252, 170) }
```

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

```
.background{ background-color: rgb(54, 252,  
170) }
```

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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