

Converting Colors

`RYB(150, 252, 154)`

Have a look what the booklet for
RYB(150, 252, 154) contains.

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Color

RYB(150, 252, 154)

Conversions

Conversions Part 1

Format	Color
Hex	F8FC96
RGB	248, 252, 150
RGB Percent	97%, 99%, 59%
CMY	0.0275, 0.0118, 0.4118
CMYK	0.02, 0.00, 0.40, 0.01
HSL	62°, 94%, 79%
HSV	62°, 40%, 99%
XYZ	79.0268, 91.7793, 42.4042
YIQ	239.1760, 30.3580, -32.5700

Conversions

Conversions Part 2

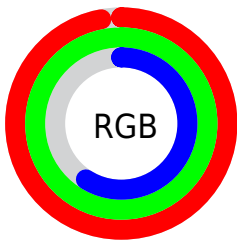
Format	Color
RYB	150, 252, 154
Decimal	16317590
CIELab	96.73, -15.74, 48.31
CIELCh	97, 50.808, 108.049
Yxy	91.7793, 0.3707, 0.4305
Android (android.graphics.Color)	4294507670 (0xFFFF8FC96)
YUV	239.1760, -43.9638, 7.7386
Hunter-Lab	95.8015, -20.4077, 40.8178

Details

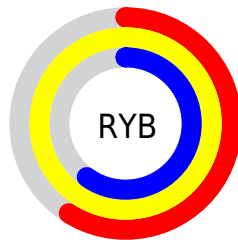
The RYB color **150, 252, 154** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **154, 150, 252**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **206, 255, 206**, and **97, 196, 103** is the 20% darker color. If you saturate the color by 10%, you get **125, 252, 130**, and if you desaturate by 10%, it is **175, 252, 178**.

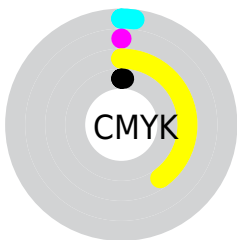
Distribution



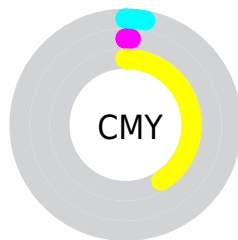
- Red (97%)
- Green (99%)
- Blue (59%)



- Red (59%)
- Yellow (99%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 252, 154 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 150, 252, 154 by changing the saturation by 10% instead.

 150, 252, 154

255, 255, 255


 206, 255, 206

 234, 255, 234

 150, 252, 154

 123, 223, 127

 97, 196, 103

 71, 168, 77

 46, 142, 53

 17, 116, 25

 0, 92, 10

 0, 68, 11

 0, 46, 15

 0, 27, 27

 150, 252, 154

 150, 252, 154

 125, 252, 130

 175, 252, 178

 100, 252, 106

 200, 252, 202

 74, 252, 81

 226, 252, 227

 49, 252, 57

 251, 252, 251

 24, 252, 33

 253, 252, 255

 0, 252, 10

 254, 252, 255

 255, 252, 255

Harmonies

Analogous

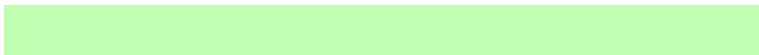
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172, 255, 149



150, 252, 154



178, 255, 241

Triad

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



150, 252, 154



32, 144, 255



255, 209, 255

Complementary

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



150, 252, 154



154, 150, 252

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, 222, 255



150, 252, 154



137, 196, 255

Square

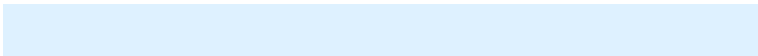
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150, 252, 154



43, 149, 255



222, 234, 255



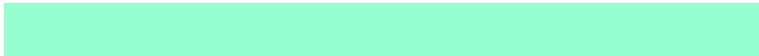
255, 208, 217

Rectangle

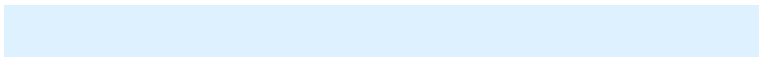
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150, 252, 154



150, 218, 255



222, 234, 255



255, 212, 255

Sweetspot

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



150, 252, 154



224, 255, 225



252, 153, 150



110, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

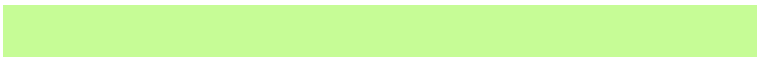
The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 252, 154



130, 255, 135



150, 252, 204



112, 125, 113



0, 189, 8



0, 61, 2

Inverse Universe

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



154, 150, 252



135, 130, 255



204, 150, 252



113, 112, 125



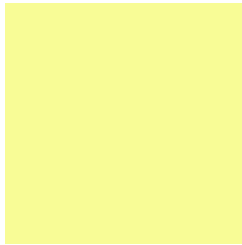
7, 0, 189



2, 0, 61

Previews

White Background



This preview shows how the RYB color 150, 252, 154 looks on a white background.

Color Contrast Check

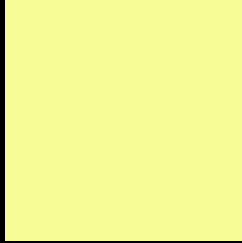
Large Text (above 18pt) WCAG AA × Fail

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 150, 252, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

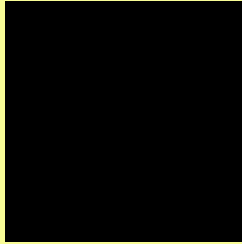
Any Text WCAG AA ✓ Pass

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](#).

RYB 150, 252, 154 Background



This preview shows how black text looks on a background with the RYB color 150, 252, 154.

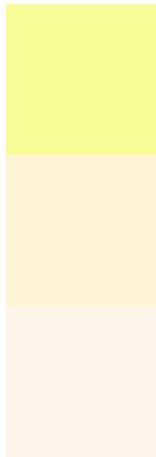


This preview shows how white text looks on a background with the RYB color 150, 252, 154.

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
150, 252, 154

Protanopia
225, 255, 212

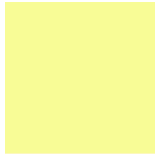
Deuteranopia
255, 255, 233



Tritanopia

255, 242, 253

Trichromacy



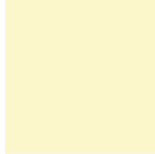
Original Color

150, 252, 154



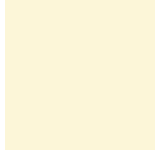
Protanomaly

193, 252, 189



Deuteranomaly

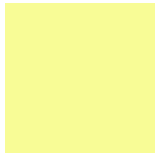
209, 252, 203



Tritanomaly

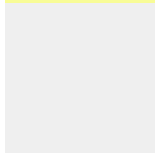
223, 252, 216

Monochromacy



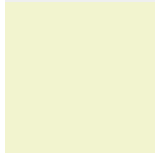
Original Color

150, 252, 154



Achromatopsia

239, 239, 239



Achromatomaly

207, 244, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 252, 154 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(248, 252, 150)` looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 150)  
}
```

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(248, 252, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 252, 154 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(248, 252, 150) }
```

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

```
.border{ border-color:rgb(248, 252, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 252, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 150);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 252, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 150) }
```

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

```
.background{ background-color: rgb(248,  
252, 150) }
```

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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