

Converting Colors

`RYB(150, 252, 150)`

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

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Color

R_YB(150, 252, 150)

Conversions

Conversions Part 1

Format	Color
Hex	FCFC96
RGB	252, 252, 150
RGB Percent	99%, 99%, 59%
CMY	0.0118, 0.0118, 0.4118
CMYK	0.00, 0.00, 0.40, 0.01
HSL	60°, 94%, 79%
HSV	60°, 40%, 99%
XYZ	80.4603, 92.5183, 42.4713
YIQ	240.3720, 32.7420, -31.7220

Conversions

Conversions Part 2

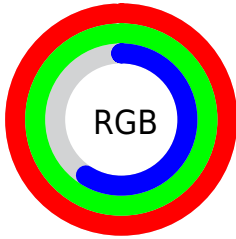
Format	Color
RYB	150, 252, 150
Decimal	16579734
CIELab	97.03, -14.22, 48.75
CIELCh	97, 50.782, 106.258
Yxy	92.5183, 0.3735, 0.4294
Android (android.graphics.Color)	4294769814 (0xFFFCFC96)
YUV	240.3720, -44.5534, 10.1978
Hunter-Lab	96.1864, -19.0103, 41.1509

Details

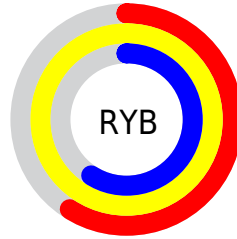
The RYB color **150, 252, 150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **150, 150, 252**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **206, 255, 206**, and **97, 196, 99** is the 20% darker color. If you saturate the color by 10%, you get **125, 252, 125**, and if you desaturate by 10%, it is **175, 252, 175**.

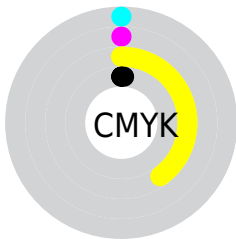
Distribution



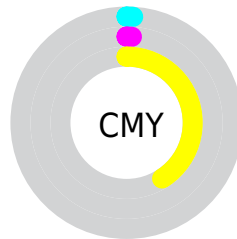
- Red (99%)
- Green (99%)
- Blue (59%)



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



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



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

Brightness & Saturation Gradients

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

 150, 252, 150

255, 255, 255


 206, 255, 206

 234, 255, 234


 150, 252, 150

 123, 223, 123

 97, 196, 99

 71, 168, 73

 45, 142, 49

 17, 117, 23

 0, 92, 7

 0, 69, 9

 0, 46, 12

 0, 27, 24

 150, 252, 150

 150, 252, 150

 125, 252, 125

 175, 252, 175

 100, 252, 100

 200, 252, 200

 74, 252, 74

 226, 252, 226

 49, 252, 49

 251, 252, 251

 24, 252, 24

 252, 252, 255

 0, 252, 0

Harmonies

Analogous

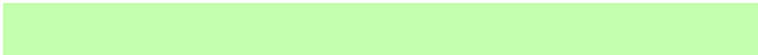
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174, 255, 151



150, 252, 150



176, 255, 235

Triad

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



150, 252, 150



29, 142, 255



255, 210, 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, 150



150, 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, 224, 255



150, 252, 150



132, 194, 255

Square

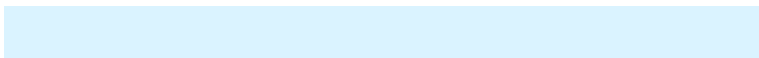
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150, 252, 150



52, 154, 255



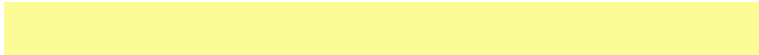
218, 233, 255



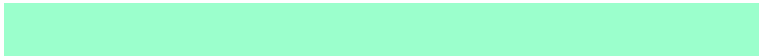
255, 209, 221

Rectangle

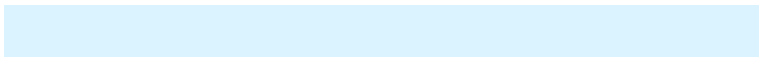
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150, 252, 150



155, 222, 255



218, 233, 255



255, 214, 255

Sweetspot

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



150, 252, 150



224, 255, 224



252, 150, 150



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

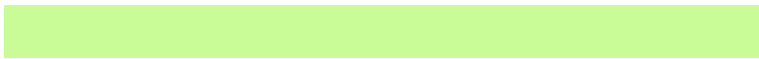
The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 252, 150



130, 255, 130



150, 252, 201



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



150, 150, 252



130, 130, 255



201, 150, 252



112, 112, 125



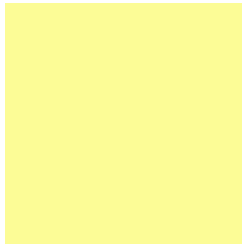
0, 0, 189



0, 0, 61

Previews

White Background



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

Color Contrast Check

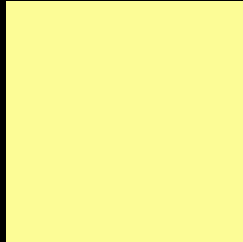
Large Text (above 18pt) WCAG AA × Fail

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, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

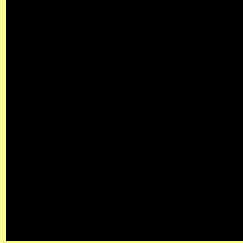
Any Text WCAG AA ✓ Pass

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, 150 Background



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

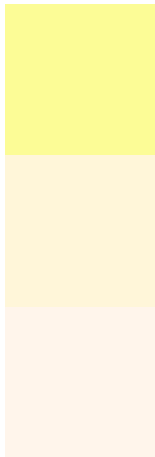


This preview shows how white text looks on a background with the RYB color 150, 252, 150.

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, 150

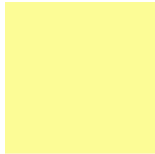
Protanopia
229, 255, 217

Deuteranopia
255, 255, 235



Tritanopia
255, 243, 252

Trichromacy



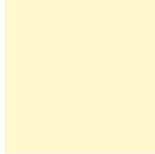
Original Color

150, 252, 150



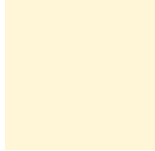
Protanomaly

200, 254, 193



Deuteranomaly

211, 254, 204



Tritanomaly

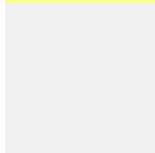
225, 254, 215

Monochromacy



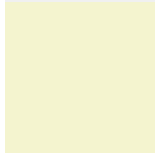
Original Color

150, 252, 150



Achromatopsia

240, 240, 240



Achromatomaly

207, 244, 207

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(252, 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(252, 252, 150) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(252, 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(252, 252, 150)` colored shadow looks like.

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

Background

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

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

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

```
.background{ background-color: rgb(252,  
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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