

Converting Colors

`RYB(101, 252, 101)`

Have a look what the booklet for
RYB(101, 252, 101) contains.

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Color

R_YB(101, 252, 101)

Conversions

Conversions Part 1

Format	Color
Hex	FCFC65
RGB	252, 252, 101
RGB Percent	99%, 99%, 40%
CMY	0.0118, 0.0118, 0.6039
CMYK	0.00, 0.00, 0.60, 0.01
HSL	60°, 96%, 69%
HSV	60°, 60%, 99%
XYZ	77.3043, 91.2558, 25.8517
YIQ	234.7860, 48.4710, -46.9610

Conversions

Conversions Part 2

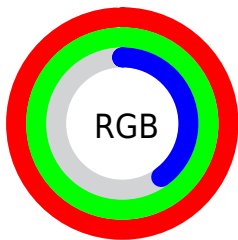
Format	Color
RYB	101, 252, 101
Decimal	16579685
CIELab	96.52, -18.26, 70.15
CIELCh	97, 72.485, 104.589
Yxy	91.2558, 0.3976, 0.4694
Android (android.graphics.Color)	4294769765 (0xFFFCFC65)
YUV	234.7860, -65.9565, 15.0967
Hunter-Lab	95.5279, -22.7260, 50.8245

Details

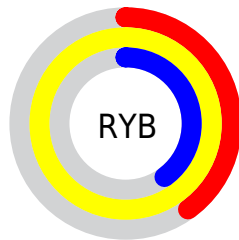
The RYB color **101, 252, 101** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **101, 101, 252**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **157, 255, 157**, and **41, 196, 45** is the 20% darker color. If you saturate the color by 10%, you get **76, 252, 76**, and if you desaturate by 10%, it is **126, 252, 126**.

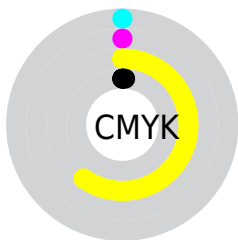
Distribution



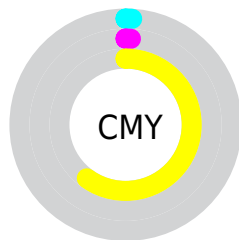
- Red (99%)
- Green (99%)
- Blue (40%)



- Red (40%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (60%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 252, 101 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 101, 252, 101 by changing the saturation by 10% instead.

 101, 252, 101


255, 255, 255

 157, 255, 157


 186, 255, 186


 215, 255, 215


 244, 255, 244


 101, 252, 101


 72, 223, 73

 41, 196, 45

 0, 169, 6

 0, 142, 7

 0, 117, 10

 0, 92, 12

 0, 69, 16

 0, 47, 20

 0, 27, 27

 101, 252, 101

 101, 252, 101

 76, 252, 76

 126, 252, 126

 51, 252, 51

 151, 252, 151

 25, 252, 25

 177, 252, 177

 0, 252, 0

 202, 252, 202

 227, 252, 227

 252, 252, 252

 252, 252, 255

Harmonies

Analogous

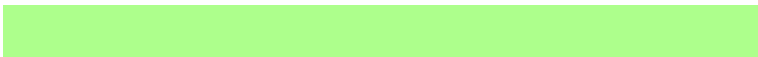
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



139, 255, 106



101, 252, 101



140, 255, 222

Triad

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



101, 252, 101



0, 128, 255



255, 189, 255

Complementary

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



101, 252, 101



101, 101, 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, 212, 255



101, 252, 101



0, 128, 255

Square

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



101, 252, 101



0, 128, 255



185, 216, 255



255, 184, 213

Rectangle

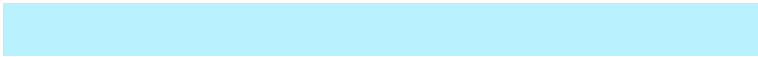
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



101, 252, 101



98, 200, 255



185, 216, 255



255, 195, 255

Sweetspot

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



101, 252, 101



209, 255, 209



252, 101, 101



99, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



101, 252, 101



71, 255, 71



101, 252, 176



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



101, 101, 252



71, 71, 255



177, 101, 252



112, 112, 125



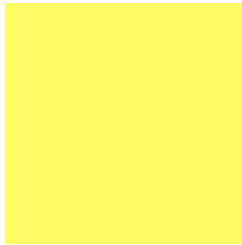
0, 0, 189



0, 0, 61

Previews

White Background



This preview shows how the RYB color 101, 252, 101 looks on a white background.

Color Contrast Check

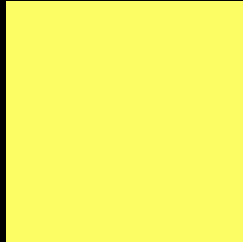
Large Text (above 18pt) WCAG AA × Fail

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 101, 252, 101 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 101, 252, 101 Background



This preview shows how black text looks on a background with the RYB color 101, 252, 101.



This preview shows how white text looks on a background with the RYB color 101, 252, 101.

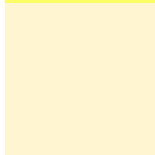
Color Blindness Simulation

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](#).

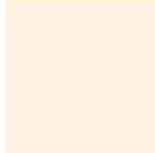
Dichromacy



Original Color
101, 252, 101



Protanopia
221, 255, 208



Deuteranopia
253, 255, 230



Tritanopia

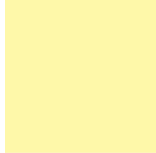
255, 241, 249

Trichromacy



Original Color

101, 252, 101



Protanomaly

175, 254, 169



Deuteranomaly

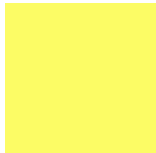
192, 254, 183



Tritanomaly

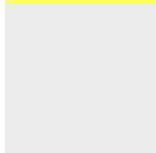
206, 254, 195

Monochromacy



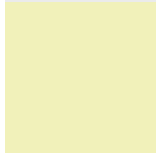
Original Color

101, 252, 101



Achromatopsia

235, 235, 235



Achromatomaly

186, 241, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 252, 101 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 101) }
```

Border

The CSS property to change the border of an element to RYB 101, 252, 101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

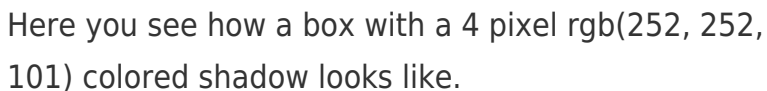
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 252, 101) }
```

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

```
.border{ border-color:rgb(252, 252, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 252, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 252, 101); box-shadow:4px 4px 4px 4px rgb(252, 252, 101) }
```

Background

The CSS property to change the background color of an element to RYB 101, 252, 101 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, 101) }
```

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

```
.background{ background-color: rgb(252,  
252, 101) }
```

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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