

Converting Colors

`RYB(154, 189, 103)`

Have a look what the booklet for
RYB(154, 189, 103) contains.

RYB(154, 189, 103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(154, 189, 103)

Conversions

Conversions Part 1

Format	Color
Hex	BD9D67
RGB	189, 157, 103
RGB Percent	74%, 62%, 40%
CMY	0.2588, 0.3844, 0.5961
CMYK	0.00, 0.17, 0.46, 0.26
HSL	38°, 39%, 57%
HSV	38°, 46%, 74%
XYZ	35.4889, 35.9071, 17.8923
YIQ	160.4120, 36.4060, -10.0100

Conversions

Conversions Part 2

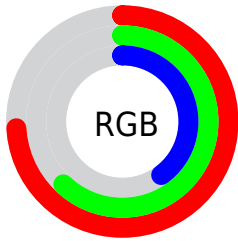
Format	Color
RYB	154, 189, 103
Decimal	12426599
CIELab	66.45, 4.66, 32.61
CIELCh	66, 32.938, 81.866
Yxy	35.9071, 0.3975, 0.4021
Android (android.graphics.Color)	4290616679 (0xFFBD9D67)
YUV	160.4120, -28.3041, 25.0717
Hunter-Lab	59.9225, 0.8517, 24.2424

Details

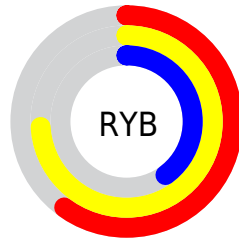
The RYB color **154, 189, 103** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 126, 189**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **214, 247, 155**, and **98, 134, 55** is the 20% darker color. If you saturate the color by 10%, you get **146, 189, 84**, and if you desaturate by 10%, it is **162, 189, 122**.

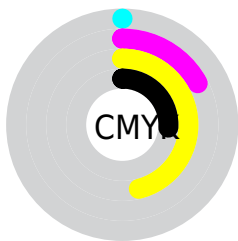
Distribution



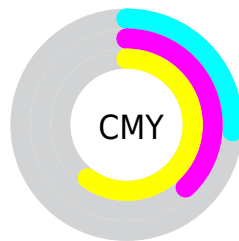
- Red (74%)
- Green (62%)
- Blue (40%)



- Red (60%)
- Yellow (74%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 189, 103 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 154, 189, 103 by changing the saturation by 10% instead.

 154, 189, 103

255, 255, 255

 214, 247, 155

 201, 255, 182


 210, 255, 210

 238, 255, 238


 154, 189, 103

 125, 161, 78

 98, 134, 55

 70, 107, 32


 39, 81, 8


 31, 57, 0

 28, 32, 0

 0, 0, 0

 154, 189, 103

 146, 189, 84

 154, 189, 103

 162, 189, 122

■ 138, 189, 65

■ 170, 189, 141

■ 130, 189, 46

■ 178, 189, 160

■ 122, 189, 27

■ 186, 189, 179

■ 114, 189, 8

■ 189, 191, 198

■ 111, 189, 0

■ 189, 196, 216

■ 189, 201, 235

■ 189, 207, 254

■ 189, 210, 255

Harmonies

Analogous

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



211, 162, 116



154, 189, 103



106, 166, 113

Triad

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



154, 189, 103



58, 119, 183



191, 146, 198

Complementary

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



154, 189, 103



103, 126, 189

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.



154, 157, 216



154, 189, 103



65, 127, 207

Square

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



154, 189, 103



89, 140, 177



108, 147, 220



214, 140, 171

Rectangle

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



154, 189, 103



117, 171, 151



108, 147, 220



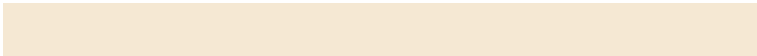
180, 150, 206

Sweetspot

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



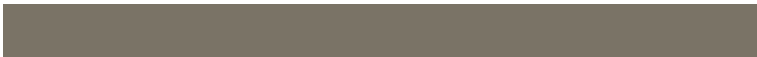
154, 189, 103



232, 245, 211



189, 103, 136



113, 122, 102



250, 250, 250



122, 122, 122

Same Dimension

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



154, 189, 103



189, 245, 110



103, 189, 113



90, 94, 85



94, 158, 0



20, 31, 0

Inverse Universe

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



103, 126, 189



110, 146, 245



113, 103, 189



85, 87, 94



0, 43, 158



0, 8, 31

Previews

White Background



This preview shows how the RYB color 154, 189, 103 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 154, 189, 103 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 154, 189, 103 Background



This preview shows how black text looks on a background with the RYB color 154, 189, 103.



This preview shows how white text looks on a background with the RYB color 154, 189, 103.

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
154, 189, 103

Protanopia
122, 176, 105

Deuteranopia
175, 195, 104



Tritanopia
195, 150, 161

Trichromacy



Original Color

154, 189, 103

Protanomaly

133, 181, 104

Deuteranomaly

167, 193, 104

Tritanomaly

193, 157, 140

Monochromacy



Original Color

154, 189, 103

Achromatopsia

160, 160, 160

Achromatomaly

158, 171, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 189, 103 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(189, 157, 103)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 103)  
}
```

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(189, 157, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 103) }
```

Border

The CSS property to change the border of an element to RYB 154, 189, 103 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(189, 157, 103) }
```

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

```
.border{ border-color:rgb(189, 157, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 157, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 157, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 157, 103);  
box-shadow:4px 4px 4px 4px rgb(189, 157,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 154, 189, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 103) }
```

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

```
.background{ background-color: rgb(189,  
157, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor