

Converting Colors

`RYB(139, 197, 142)`

Have a look what the booklet for
RYB(139, 197, 142) contains.

RYB(139, 197, 142)	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(139, 197, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C2C58B
RGB	194, 197, 139
RGB Percent	76%, 77%, 55%
CMY	0.2392, 0.2275, 0.4549
CMYK	0.02, 0.00, 0.29, 0.23
HSL	63°, 33%, 66%
HSV	63°, 29%, 77%
XYZ	46.8746, 53.2659, 32.2369
YIQ	189.4910, 16.8300, -18.6740

Conversions

Conversions Part 2

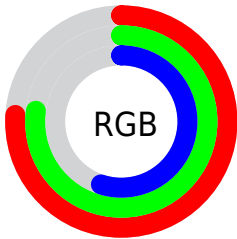
Format	Color
RYB	139, 197, 142
Decimal	12764555
CIELab	78.03, -10.27, 28.82
CIELCh	78, 30.601, 109.617
Yxy	53.2659, 0.3541, 0.4024
Android (android.graphics.Color)	4290954635 (0xFFC2C58B)
YUV	189.4910, -24.8921, 3.9544
Hunter-Lab	72.9835, -13.0772, 24.9000

Details

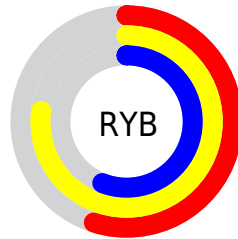
The RYB color **139, 197, 142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142, 139, 197**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **193, 254, 196**, and **88, 143, 91** is the 20% darker color. If you saturate the color by 10%, you get **119, 197, 123**, and if you desaturate by 10%, it is **159, 197, 161**.

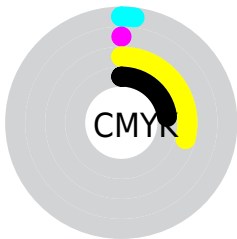
Distribution



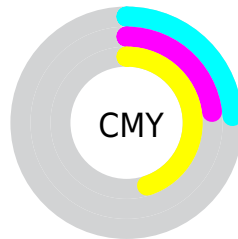
- Red (76%)
- Green (77%)
- Blue (55%)



- Red (55%)
- Yellow (77%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 197, 142 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 139, 197, 142 by changing the saturation by 10% instead.

 139, 197, 142


255, 255, 255

 193, 254, 196


 221, 255, 221


 250, 255, 250

 139, 197, 142

 113, 170, 117

 88, 143, 91

 64, 118, 68

 41, 93, 46


 19, 70, 25

 0, 47, 5

 0, 27, 10

 0, 0, 0

 139, 197, 142

 139, 197, 142

■ 119, 197, 123

■ 159, 197, 161

■ 100, 197, 105

■ 178, 197, 179

■ 80, 197, 86

■ 197, 197, 198

■ 60, 197, 67

■ 198, 197, 218

■ 40, 197, 48

■ 199, 197, 238

■ 21, 197, 30

■ 200, 197, 255

■ 1, 197, 11

■ 201, 197, 255

■ 0, 197, 10

■ 202, 197, 255

■ 203, 197, 255

Harmonies

Analogous

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



194, 222, 137



139, 197, 142



155, 204, 197

Triad

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



139, 197, 142



111, 164, 235



243, 173, 204

Complementary

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



139, 197, 142



142, 139, 197

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.



220, 179, 230



139, 197, 142



143, 180, 248

Square

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



139, 197, 142



107, 158, 211



184, 189, 246



250, 173, 175

Rectangle

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



139, 197, 142



140, 185, 207



184, 189, 246



237, 175, 213

Sweetspot

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



139, 197, 142



232, 255, 233



197, 142, 139



113, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



139, 197, 142



166, 255, 171



139, 197, 171



90, 99, 90



0, 163, 8



0, 36, 2

Inverse Universe

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



142, 139, 197



170, 166, 255



171, 139, 197



90, 90, 99



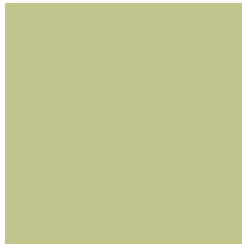
8, 0, 163



2, 0, 36

Previews

White Background



This preview shows how the RYB color 139, 197, 142 looks on a white background.

Color Contrast Check

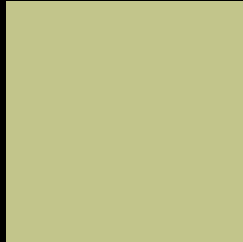
Large Text (above 18pt) WCAG AA × Fail

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 139, 197, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

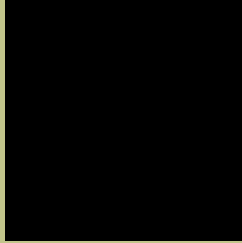
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

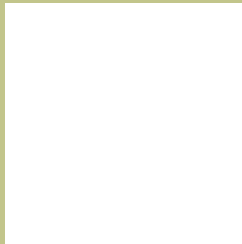
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 139, 197, 142 Background



This preview shows how black text looks on a background with the RYB color 139, 197, 142.




This preview shows how white text looks on a background with the RYB color 139, 197, 142.

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](#).

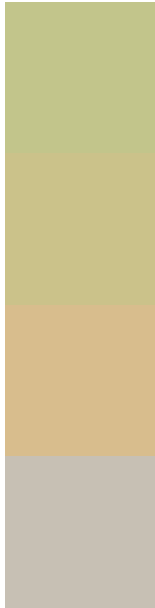
Dichromacy





Tritanopia
202, 189, 204

Trichromacy



Original Color

139, 197, 142

Protanomaly

148, 203, 138

Deuteranomaly

183, 216, 141

Tritanomaly

191, 199, 180

Monochromacy



Original Color

139, 197, 142

Achromatopsia

189, 189, 189

Achromatomaly

171, 192, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 197, 142 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(194, 197, 139) looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 139)  
}
```

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(194, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 197, 142 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(194, 197, 139) }
```

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

```
.border{ border-color:rgb(194, 197, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 197, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 139) }
```

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

```
.background{ background-color: rgb(194,  
197, 139) }
```

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