

Converting Colors

`RYB(141, 189, 141)`

Have a look what the booklet for
RYB(141, 189, 141) contains.

RYB(141, 189, 141)	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(141, 189, 141)

Conversions

Conversions Part 1

Format	Color
Hex	BDBD8D
RGB	189, 189, 141
RGB Percent	74%, 74%, 55%
CMY	0.2588, 0.2588, 0.4471
CMYK	0.00, 0.00, 0.25, 0.26
HSL	60°, 27%, 65%
HSV	60°, 25%, 74%
XYZ	43.9916, 49.1371, 32.3651
YIQ	183.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

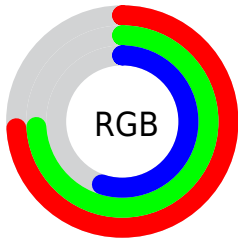
Format	Color
RYB	141, 189, 141
Decimal	12434829
CIELab	75.54, -7.79, 24.35
CIELCh	76, 25.562, 107.741
Yxy	49.1371, 0.3505, 0.3916
Android (android.graphics.Color)	4290624909 (0xFFBDBD8D)
YUV	183.5280, -20.9663, 4.7989
Hunter-Lab	70.0979, -10.6493, 21.6935

Details

The RYB color **141, 189, 141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141, 141, 189**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **196, 246, 195**, and **90, 136, 91** is the 20% darker color. If you saturate the color by 10%, you get **122, 189, 122**, and if you desaturate by 10%, it is **160, 189, 160**.

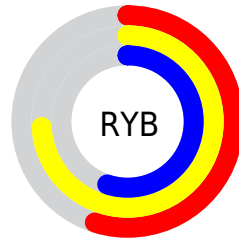
Distribution



Red (74%)

Green (74%)

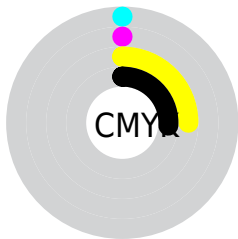
Blue (55%)



Red (55%)

Yellow (74%)

Blue (55%)

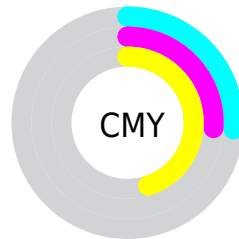


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (26%)


Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 189, 141 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 141, 189, 141 by changing the saturation by 10% instead.


 141, 189, 141

255, 255, 255


 196, 246, 195

 223, 255, 223

 252, 255, 252

 141, 189, 141

 115, 162, 115

 90, 136, 91

 67, 110, 68


 44, 86, 46


 22, 63, 24


 0, 41, 2


 0, 21, 10

 0, 0, 0

 141, 189, 141


 141, 189, 141

 122, 189, 122

 160, 189, 160


 103, 189, 103

 179, 189, 179

 84, 189, 84

 189, 189, 198

 65, 189, 65

 189, 189, 217

 47, 189, 47


 189, 189, 236

 28, 189, 28

 189, 189, 254

 9, 189, 9

 189, 189, 255

 0, 189, 0

Harmonies

Analogous

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



197, 213, 140



141, 189, 141



154, 195, 187

Triad

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



141, 189, 141



122, 164, 220



227, 170, 197

Complementary

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



141, 189, 141



141, 141, 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.



207, 175, 218



141, 189, 141



145, 175, 232

Square

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



141, 189, 141



120, 160, 200



177, 182, 231



234, 169, 173

Rectangle

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



141, 189, 141



145, 182, 198



177, 182, 231



222, 171, 204

Sweetspot

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



141, 189, 141



225, 245, 225



189, 141, 141



110, 122, 110



250, 250, 250



122, 122, 122

Same Dimension

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



141, 189, 141



171, 245, 171



141, 189, 165



85, 94, 85



0, 158, 0



0, 31, 0

Inverse Universe

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



141, 141, 189



171, 171, 245



165, 141, 189



85, 85, 94



0, 0, 158



0, 0, 31

Previews

White Background



This preview shows how the RYB color 141, 189, 141 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 141, 189, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

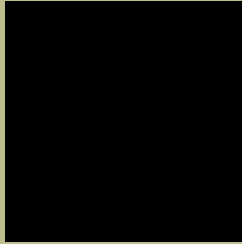
Any Text WCAG AA ✓ Pass

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 141, 189, 141 Background



This preview shows how black text looks on a background with the RYB color 141, 189, 141.



This preview shows how white text looks on a background with the RYB color 141, 189, 141.

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
141, 189, 141

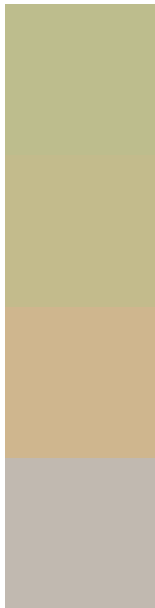
Protanopia
157, 199, 140

Deuteranopia
218, 209, 143



Tritanopia
196, 182, 196

Trichromacy



Original Color
141, 189, 141

Protanomaly
149, 195, 140

Deuteranomaly
183, 207, 142

Tritanomaly
191, 193, 176

Monochromacy



Original Color
141, 189, 141

Achromatopsia
184, 184, 184

Achromatomaly
168, 186, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 189, 141 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, 189, 141)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 141)  
}
```

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, 189, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 189, 141 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, 189, 141) }
```

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

```
.border{ border-color:rgb(189, 189, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 141);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 189, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 141) }
```

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

```
.background{ background-color: rgb(189,  
189, 141) }
```

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