

Converting Colors

`RYB(141, 186, 139)`

Have a look what the booklet for RYB(141, 186, 139) contains.

RYB(141, 186, 139)	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, 186, 139)

Conversions

Conversions Part 1

Format	Color
Hex	BAB88B
RGB	186, 184, 139
RGB Percent	73%, 72%, 55%
CMY	0.2706, 0.2781, 0.4549
CMYK	0.00, 0.01, 0.25, 0.27
HSL	58°, 25%, 64%
HSV	58°, 25%, 73%
XYZ	42.0674, 46.6181, 31.2071
YIQ	179.4680, 15.6370, -13.5710

Conversions

Conversions Part 2

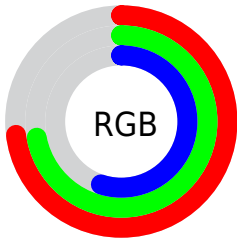
Format	Color
RYB	141, 186, 139
Decimal	12236939
CIELab	73.94, -6.65, 23.21
CIElCh	74, 24.147, 105.990
Yxy	46.6181, 0.3509, 0.3888
Android (android.graphics.Color)	4290427019 (0xFFBAB88B)
YUV	179.4680, -19.9507, 5.7286
Hunter-Lab	68.2774, -9.5074, 20.6949

Details

The RYB color **141, 186, 139** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **139, 141, 186**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **196, 243, 193**, and **90, 132, 89** is the 20% darker color. If you saturate the color by 10%, you get **123, 186, 120**, and if you desaturate by 10%, it is **159, 186, 158**.

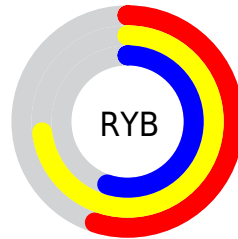
Distribution



Red (73%)

Green (72%)

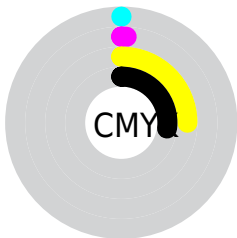
Blue (55%)



Red (55%)

Yellow (73%)

Blue (55%)

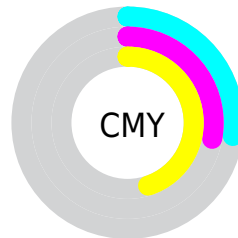


Cyan (0%)

Magenta (1%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (28%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 186, 139 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, 186, 139 by changing the saturation by 10% instead.


 141, 186, 139


255, 255, 255


 196, 243, 193

 221, 255, 221

 249, 255, 249


 141, 186, 139

 115, 159, 113

 90, 132, 89

 66, 107, 65


 42, 82, 42


 21, 59, 22

 0, 37, 0

 0, 17, 12

 0, 0, 0

 141, 186, 139

 141, 186, 139

■ 123, 186, 120

■ 159, 186, 158

■ 105, 186, 102

■ 176, 186, 176

■ 87, 186, 83

■ 186, 186, 195

■ 70, 186, 65

■ 186, 187, 213

■ 52, 186, 46

■ 186, 188, 232

■ 33, 186, 27

■ 186, 189, 251

■ 16, 186, 9

■ 186, 189, 255

■ 8, 186, 0

■ 186, 190, 255

■ 186, 191, 255

Harmonies

Analogous

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



195, 208, 139



141, 186, 139



150, 190, 179

Triad

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



141, 186, 139



121, 161, 213



220, 167, 193

Complementary

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



141, 186, 139



139, 141, 186

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.



200, 172, 213



141, 186, 139



142, 171, 224

Square

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



141, 186, 139



120, 157, 194



171, 179, 224



227, 166, 171

Rectangle

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



141, 186, 139



144, 179, 193



171, 179, 224



214, 168, 200

Sweetspot

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



141, 186, 139



224, 242, 223



186, 139, 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, 186, 139



173, 242, 170



139, 186, 160



84, 92, 83



7, 156, 0



1, 28, 0

Inverse Universe

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



139, 141, 186



170, 173, 242



160, 139, 186



83, 83, 92



0, 6, 156



0, 1, 28

Previews

White Background



This preview shows how the RYB color 141, 186, 139 looks on a white background.

Color Contrast Check

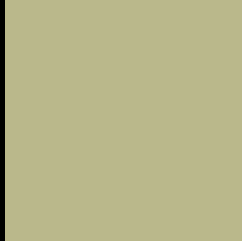
Large Text (above 18pt) WCAG AA × Fail

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, 186, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

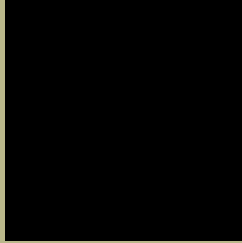
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

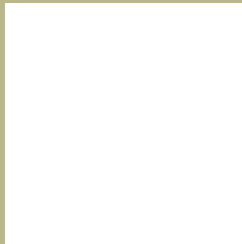
Any Text WCAG AAA ✓ Pass

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

RYB 141, 186, 139 Background



This preview shows how black text looks on a background with the RYB color 141, 186, 139.



This preview shows how white text looks on a background with the RYB color 141, 186, 139.

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, 186, 139

Protanopia

155, 194, 138

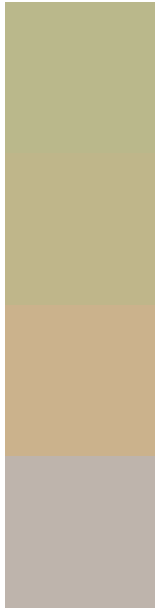
Deuteranopia

213, 202, 141



Tritanopia
193, 177, 191

Trichromacy



Original Color
141, 186, 139

Protanomaly
149, 191, 138

Deuteranomaly
181, 203, 140

Tritanomaly
190, 186, 172

Monochromacy



Original Color
141, 186, 139

Achromatopsia
180, 180, 180

Achromatomaly
166, 182, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 186, 139 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(186, 184, 139) looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 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(186, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 139) }
```

Border

The CSS property to change the border of an element to RYB 141, 186, 139 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(186, 184, 139) }
```

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

```
.border{ border-color:rgb(186, 184, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 184, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 141, 186, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 139) }
```

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

```
.background{ background-color: rgb(186,  
184, 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](#).

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