

Converting Colors

`RYB(137, 186, 143)`

Have a look what the booklet for
RYB(137, 186, 143) contains.

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Color

R_YB(137, 186, 143)

Conversions

Conversions Part 1

Format	Color
Hex	B4BA89
RGB	180, 186, 137
RGB Percent	71%, 73%, 54%
CMY	0.2941, 0.2706, 0.4627
CMYK	0.03, 0.00, 0.26, 0.27
HSL	67°, 26%, 63%
HSV	67°, 26%, 73%
XYZ	40.8967, 46.6273, 30.5114
YIQ	178.6200, 12.1530, -16.5110

Conversions

Conversions Part 2

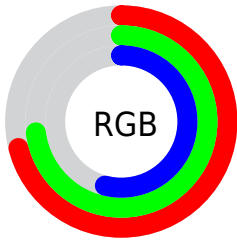
Format	Color
RYB	137, 186, 143
Decimal	11844233
CIELab	73.95, -10.25, 24.21
CIELCh	74, 26.289, 112.937
Yxy	46.6273, 0.3465, 0.3950
Android (android.graphics.Color)	4290034313 (0xFFB4BA89)
YUV	178.6200, -20.5187, 1.2103
Hunter-Lab	68.2842, -12.5903, 21.3064

Details

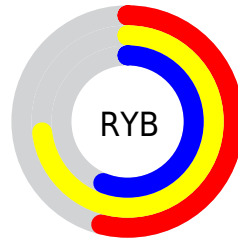
The RYB color **137, 186, 143** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **143, 137, 186**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **191, 242, 197**, and **87, 133, 93** is the 20% darker color. If you saturate the color by 10%, you get **118, 186, 126**, and if you desaturate by 10%, it is **156, 186, 160**.

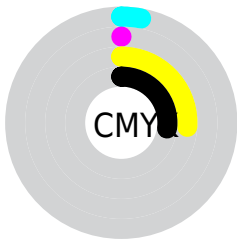
Distribution



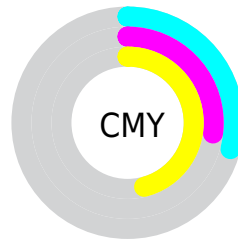
- Red (71%)
- Green (73%)
- Blue (54%)



- Red (54%)
- Yellow (73%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 186, 143 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 137, 186, 143 by changing the saturation by 10% instead.

 137, 186, 143


255, 255, 255

 191, 242, 197

 219, 255, 219

 247, 255, 247

 137, 186, 143

 111, 159, 117


 87, 133, 93

 63, 108, 70


 40, 84, 47


 19, 60, 26

 0, 39, 6

 0, 19, 19


 0, 0, 0

 137, 186, 143


 137, 186, 143

 118, 186, 126

 156, 186, 160

 100, 186, 111

 174, 186, 175


 81, 186, 94

 187, 186, 193

 63, 186, 78


 189, 186, 211


 44, 186, 61


 191, 186, 230

 25, 186, 45


 194, 186, 249

 7, 186, 29

 196, 186, 255

 0, 186, 23

 198, 186, 255

 200, 186, 255

Harmonies

Analogous

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



178, 205, 134



137, 186, 143



152, 192, 192

Triad

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



137, 186, 143



118, 161, 219



226, 165, 188

Complementary

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



137, 186, 143



143, 137, 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.



207, 170, 211



137, 186, 143



144, 172, 229

Square

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



137, 186, 143



111, 154, 200



178, 178, 226



231, 165, 164

Rectangle

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



137, 186, 143



135, 173, 194



178, 178, 226



221, 166, 197

Sweetspot

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



137, 186, 143



223, 242, 225



186, 144, 137



110, 122, 111



250, 250, 250



122, 122, 122

Same Dimension

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



137, 186, 143



165, 242, 174



137, 186, 167



83, 92, 84



0, 156, 19



0, 28, 3

Inverse Universe

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



143, 137, 186



174, 165, 242



167, 137, 186



84, 83, 92



19, 0, 156



3, 0, 28

Previews

White Background



This preview shows how the RYB color 137, 186, 143 looks on a white background.

Color Contrast Check

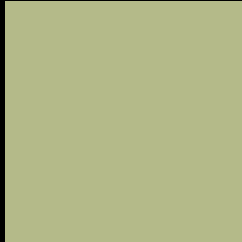
Large Text (above 18pt) WCAG AA × Fail

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 137, 186, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

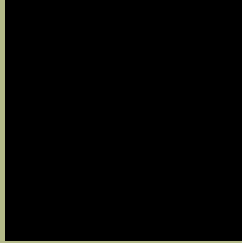
Any Text WCAG AA ✓ Pass

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](#).

R Y B 137, 186, 143 Background



This preview shows how black text looks on a background with the RYB color 137, 186, 143.




This preview shows how white text looks on a background with the RYB color 137, 186, 143.

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
187, 179, 193

Trichromacy



Original Color
137, 186, 143

Protanomaly
144, 190, 136

Deuteranomaly
174, 201, 138

Tritanomaly
175, 184, 173

Monochromacy



Original Color
137, 186, 143

Achromatopsia
179, 179, 179

Achromatomaly
164, 182, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 186, 143 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(180, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 137)  
}
```

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(180, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 186, 143 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(180, 186, 137) }
```

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

```
.border{ border-color:rgb(180, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(180, 186,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 186, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 137) }
```

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

```
.background{ background-color: rgb(180,  
186, 137) }
```

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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