

Converting Colors

`RYB(148, 185, 153)`

Have a look what the booklet for
RYB(148, 185, 153) contains.

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Color

R_YB(148, 185, 153)

Conversions

Conversions Part 1

Format	Color
Hex	B4B994
RGB	180, 185, 148
RGB Percent	71%, 73%, 58%
CMY	0.2941, 0.2745, 0.4196
CMYK	0.03, 0.00, 0.20, 0.27
HSL	68°, 21%, 65%
HSV	68°, 20%, 73%
XYZ	41.5166, 46.5393, 34.8118
YIQ	179.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

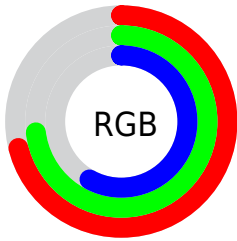
Format	Color
R_YB	148, 185, 153
Decimal	11843988
CIE Lab	73.89, -8.10, 18.23
CIE LCh	74, 19.952, 113.963
Yxy	46.5393, 0.3379, 0.3788
Android (android.graphics.Color)	4290034068 (0xFFB4B994)
YUV	179.2870, -15.4245, 0.6253
Hunter-Lab	68.2197, -10.7544, 17.4988

Details

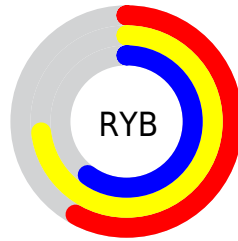
The RYB color **148, 185, 153** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **153, 148, 185**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **202, 241, 207**, and **97, 132, 102** is the 20% darker color. If you saturate the color by 10%, you get **130, 185, 137**, and if you desaturate by 10%, it is **167, 185, 169**.

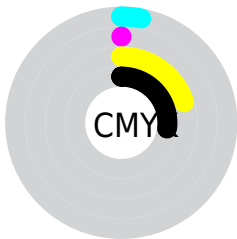
Distribution



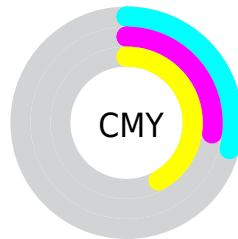
- Red (71%)
- Green (73%)
- Blue (58%)



- Red (58%)
- Yellow (73%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 185, 153 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 148, 185, 153 by changing the saturation by 10% instead.

 148, 185, 153


255, 255, 255

 202, 241, 207

 230, 255, 230

 148, 185, 153

 122, 158, 127

 97, 132, 102

 73, 107, 78

 50, 83, 56

 29, 60, 35

 5, 38, 10

 0, 18, 17

 0, 0, 0

 148, 185, 153

 148, 185, 153

■ 130, 185, 137

■ 167, 185, 169

■ 111, 185, 121

■ 185, 185, 185

■ 93, 185, 105

■ 187, 185, 204

■ 74, 185, 89

■ 190, 185, 222

■ 56, 185, 73

■ 192, 185, 241

■ 37, 185, 57

■ 195, 185, 255

■ 19, 185, 41

■ 197, 185, 255

■ 0, 185, 25

■ 200, 185, 255

■ 202, 185, 255

Harmonies

Analogous

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



177, 199, 145



148, 185, 153



159, 189, 190

Triad

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



148, 185, 153



137, 168, 211



216, 169, 186

Complementary

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



148, 185, 153



153, 148, 185

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.



202, 172, 203



148, 185, 153



156, 175, 218

Square

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



148, 185, 153



132, 163, 196



180, 178, 215



220, 169, 168

Rectangle

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



148, 185, 153



146, 175, 191



180, 178, 215



212, 170, 192

Sweetspot

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



148, 185, 153



225, 240, 227



185, 154, 148



111, 120, 112



247, 247, 247



120, 120, 120

Same Dimension

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



148, 185, 153



182, 240, 190



148, 185, 171



83, 92, 84



0, 156, 21



0, 28, 4

Inverse Universe

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



153, 148, 185



190, 182, 240



171, 148, 185



84, 83, 92



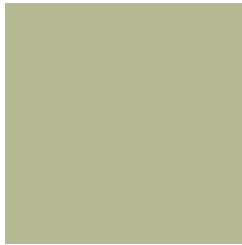
21, 0, 156



4, 0, 28

Previews

White Background



This preview shows how the RYB color 148, 185, 153 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 148, 185, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

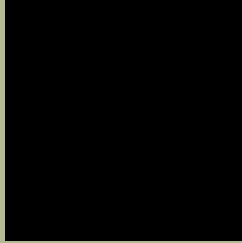
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

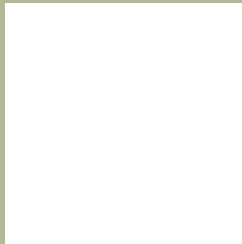
Any Text WCAG AAA ✓ Pass

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

RYB 148, 185, 153 Background



This preview shows how black text looks on a background with the RYB color 148, 185, 153.



This preview shows how white text looks on a background with the RYB color 148, 185, 153.

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
148, 185, 153

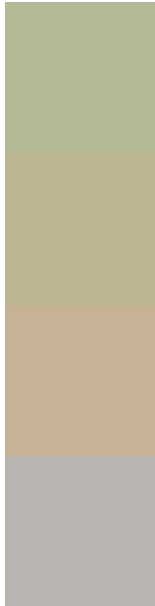
Protanopia
162, 193, 146

Deuteranopia
210, 190, 150



Tritanopia
186, 179, 193

Trichromacy



Original Color

148, 185, 153

Protanomaly

154, 188, 147

Deuteranomaly

185, 199, 149

Tritanomaly

182, 184, 177

Monochromacy



Original Color

148, 185, 153

Achromatopsia

179, 179, 179

Achromatomaly

168, 181, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 185, 153 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(148, 185, 153) looks like.

```
.text, #text, p{  
    color:rgb(148, 185, 153)  
}
```

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, 185, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 185, 153 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, 185, 148) }
```

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

```
.border{ border-color:rgb(180, 185, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 148);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 185, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 148) }
```

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

```
.background{ background-color: rgb(180,  
185, 148) }
```

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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