

Converting Colors

`RYB(141, 180, 154)`

Have a look what the booklet for
RYB(141, 180, 154) contains.

RYB(141, 180, 154)	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

$\text{RYB}(141, 180, 154)$

Conversions

Conversions Part 1

Format	Color
Hex	A7B48D
RGB	167, 180, 141
RGB Percent	65%, 71%, 55%
CMY	0.3451, 0.2941, 0.4471
CMYK	0.07, 0.00, 0.22, 0.29
HSL	80°, 21%, 63%
HSV	80°, 22%, 71%
XYZ	37.0653, 42.7811, 31.5033
YIQ	171.6670, 4.7710, -14.8850

Conversions

Conversions Part 2

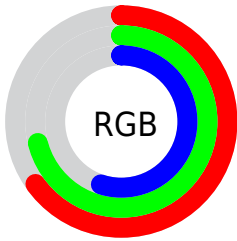
Format	Color
RYB	141, 180, 154
Decimal	10990733
CIELab	71.41, -11.45, 18.42
CIELCh	71, 21.690, 121.873
Yxy	42.7811, 0.3329, 0.3842
Android (android.graphics.Color)	4289180813 (0xFFA7B48D)
YUV	171.6670, -15.1188, -4.0930
Hunter-Lab	65.4073, -13.3094, 17.2281

Details

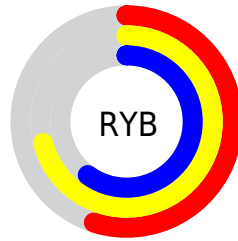
The RYB color **141, 180, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 141, 180**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **195, 236, 209**, and **91, 127, 103** is the 20% darker color. If you saturate the color by 10%, you get **123, 180, 142**, and if you desaturate by 10%, it is **159, 180, 166**.

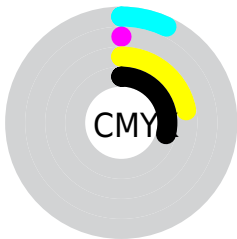
Distribution



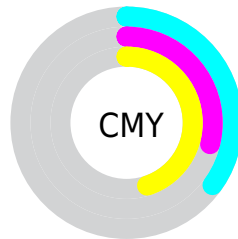
- Red (65%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)





- Cyan (35%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 180, 154 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, 180, 154 by changing the saturation by 10% instead.


 141, 180, 154

 141, 180, 154


255, 255, 255

 115, 153, 128

 195, 236, 209

 91, 127, 103


 223, 255, 227


 67, 102, 79

 251, 255, 251


 44, 78, 56


 23, 55, 35

 0, 34, 10

 0, 10, 10

 0, 0, 0

 141, 180, 154

 141, 180, 154

■ 123, 180, 142

■ 159, 180, 166

■ 105, 180, 130

■ 177, 180, 178

■ 87, 180, 118

■ 185, 180, 195

■ 69, 180, 106

■ 191, 180, 213

■ 51, 180, 94

■ 197, 180, 231

■ 33, 180, 82

■ 203, 180, 249

■ 15, 180, 70

■ 209, 180, 255

■ 0, 180, 60

■ 215, 180, 255

■ 221, 180, 255

Harmonies

Analogous

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



156, 189, 135



141, 180, 154



145, 175, 184

Triad

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



141, 180, 154



130, 161, 209



214, 161, 174

Complementary

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



141, 180, 154



154, 141, 180

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, 164, 194



141, 180, 154



153, 170, 214

Square

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



141, 180, 154



120, 155, 195



180, 169, 208



215, 163, 155

Rectangle

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



141, 180, 154



132, 164, 186



180, 169, 208



211, 161, 181

Sweetspot

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



141, 180, 154



218, 235, 224



180, 161, 141



108, 117, 111



245, 245, 245



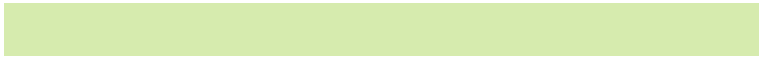
117, 117, 117

Same Dimension

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



141, 180, 154



174, 235, 195



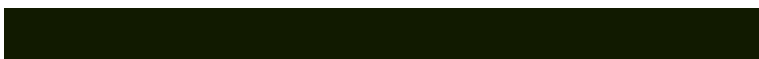
141, 180, 173



80, 89, 83



0, 153, 51



0, 26, 9

Inverse Universe

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



154, 141, 180



194, 174, 235



174, 141, 180



83, 80, 89



51, 0, 153



8, 0, 26

Previews

White Background



This preview shows how the RYB color 141, 180, 154 looks on a white background.

Color Contrast Check

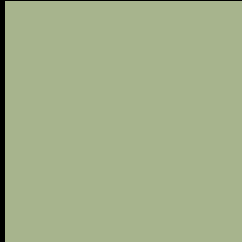
Large Text (above 18pt) WCAG AA × Fail

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, 180, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

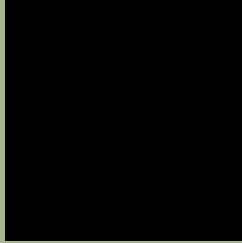
Any Text WCAG AA ✓ Pass

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, 180, 154 Background



This preview shows how black text looks on a background with the RYB color 141, 180, 154.

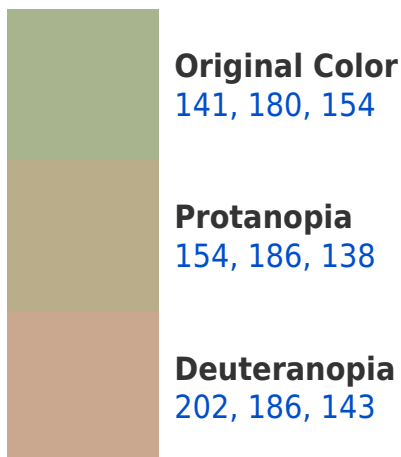


This preview shows how white text looks on a background with the RYB color 141, 180, 154.

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

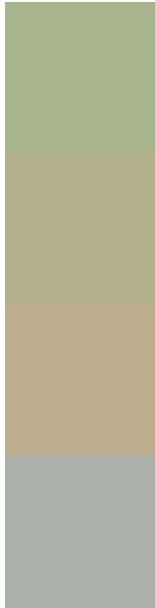




Tritanopia

174, 174, 187

Trichromacy



Original Color

141, 180, 154

Protanomaly

142, 179, 139

Deuteranomaly

169, 189, 142

Tritanomaly

170, 176, 175

Monochromacy



Original Color

141, 180, 154

Achromatopsia

172, 172, 172

Achromatomaly

161, 175, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 180, 154 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(167, 180, 141)` looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 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(167, 180, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 180, 154 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(167, 180, 141) }
```

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

```
.border{ border-color:rgb(167, 180, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 180, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 180, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 180, 141);  
box-shadow:4px 4px 4px 4px rgb(167, 180,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 180, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 141) }
```

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

```
.background{ background-color: rgb(167,  
180, 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](#).

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