

# Converting Colors

RGB(153, 178, 154)

Have a look what the booklet for  
RGB(153, 178, 154) contains.

<b>RGB(153, 178, 154)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(153, 178, 154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99B29A
RGB	153, 178, 154
RGB Percent	60%, 70%, 60%
CMY	0.4000, 0.3020, 0.3961
CMYK	0.14, 0.00, 0.13, 0.30
HSL	122°, 14%, 65%
HSV	122°, 14%, 70%
XYZ	34.8900, 40.9462, 36.6364
YIQ	167.7890, -7.1960, -12.7640

# Conversions

## Conversions Part 2

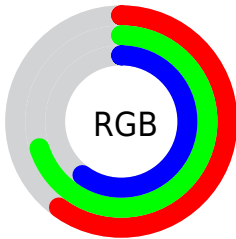
Format	Color
<a href="#">RYB</a>	<a href="#">153, 177, 178</a>
Decimal	<a href="#">10072730</a>
CIELab	<a href="#">70.14, -13.28, 9.41</a>
CIELCh	<a href="#">70, 16.274, 144.684</a>
Yxy	<a href="#">40.9462, 0.3102, 0.3641</a>
Android (android.graphics.Color)	<a href="#">4288262810</a> ( <a href="#">0xFF99B29A</a> )
YUV	<a href="#">167.7890, -6.7980, -12.9700</a>
Hunter-Lab	<a href="#">63.9892, -14.6543, 10.8466</a>

# Details

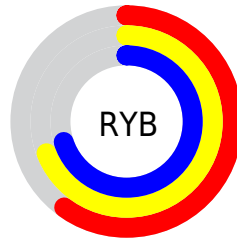
The RGB color **153, 178, 154** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178, 153, 177**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **208, 234, 208**, and **102, 125, 103** is the 20% darker color. If you saturate the color by 10%, you get **135, 178, 137**, and if you desaturate by 10%, it is **171, 178, 171**.

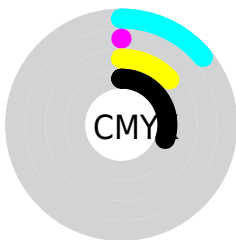
# Distribution



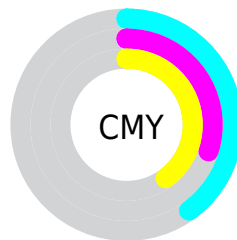
- Red (60%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 153, 178, 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 RGB color 153, 178, 154 by changing the saturation by 10% instead.




 153, 178, 154

255, 255, 255


 208, 234, 208


 236, 255, 237

 153, 178, 154

 127, 151, 128

 102, 125, 103

 78, 100, 79

 54, 76, 56

 32, 53, 34

 12, 32, 13


 0, 1, 0


 0, 0, 0

 153, 178, 154


 153, 178, 154

 135, 178, 137


 171, 178, 171

 117, 178, 120

 189, 178, 188


 100, 178, 103

 206, 178, 205

 82, 178, 86

 224, 178, 222


 64, 178, 69

 242, 178, 239

 46, 178, 51

 255, 178, 255

 28, 178, 34

 11, 178, 17

 0, 178, 7

# Harmonies

## Analogous

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



170, 174, 144



153, 178, 154



139, 180, 168

# Triad

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



153, 178, 154



152, 174, 200



203, 162, 160

# Complementary

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



153, 178, 154



178, 153, 177

# 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, 161, 175



153, 178, 154



171, 169, 198

# Square

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



153, 178, 154



137, 178, 195



188, 164, 189



198, 165, 148

# Rectangle

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



153, 178, 154



134, 180, 178



188, 164, 189



203, 161, 165



# Sweetspot

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



153, 178, 154



223, 232, 223



177, 178, 153



111, 117, 112



245, 245, 245



117, 117, 117



# Same Dimension

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



153, 178, 154



193, 232, 194



153, 178, 166



80, 89, 81



0, 153, 6



0, 26, 1



# Inverse Universe

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



178, 153, 177



232, 193, 230



178, 153, 165



89, 80, 89



153, 0, 147



26, 0, 24



# Previews

## White Background



This preview shows how the RGB color 153, 178, 154 looks on a white background.

## Color Contrast Check

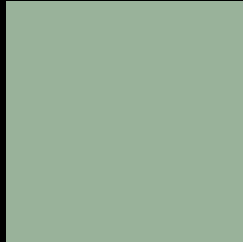
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 153, 178, 154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

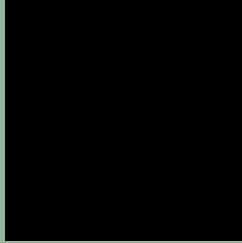
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 153, 178, 154 Background



This preview shows how black text looks on a background with the RGB color 153, 178, 154.

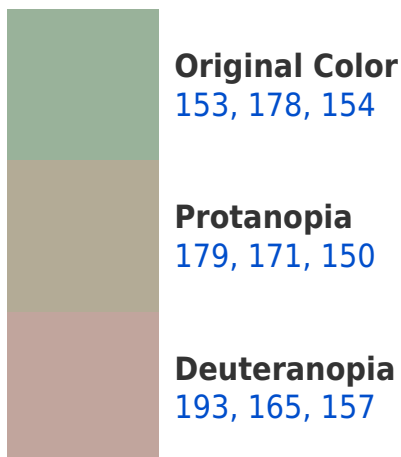


This preview shows how white text looks on a background with the RGB color 153, 178, 154.

# 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**  
158, 173, 187

# Trichromacy



**Original Color**  
153, 178, 154

**Protanomaly**  
170, 174, 151

**Deuteranomaly**  
178, 170, 156

**Tritanomaly**  
156, 175, 175

# Monochromacy



**Original Color**  
153, 178, 154

**Achromatopsia**  
168, 168, 168

**Achromatomaly**  
163, 172, 163

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 153, 178, 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(153, 178, 154) looks like.

```
.text, #text, p{  
    color:rgb(153, 178, 154)  
}
```

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(153, 178, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 178, 154) }
```

## Border

The CSS property to change the border of an element to RGB 153, 178, 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(153, 178, 154) }
```

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

```
.border{ border-color:rgb(153, 178, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 178, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(153, 178,  
154) }
```

# Background

The CSS property to change the background color of an element to RGB 153, 178, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 178, 154) }
```

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

```
.background{ background-color: rgb(153,  
178, 154) }
```

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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