

# Converting Colors

`RYB(152, 201, 182)`

Have a look what the booklet for  
RYB(152, 201, 182) contains.

<b>RYB(152, 201, 182)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**R<sub>Y</sub>B(152, 201, 182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC998
RGB	171, 201, 152
RGB Percent	67%, 79%, 60%
CMY	0.3294, 0.2118, 0.4039
CMYK	0.15, 0.00, 0.24, 0.21
HSL	97°, 31%, 69%
HSV	97°, 24%, 79%
XYZ	43.3487, 52.6982, 37.5928
YIQ	186.4440, -2.1510, -21.5990

# Conversions

## Conversions Part 2

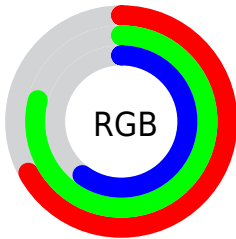
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 201, 182
Decimal	11258264
CIELab	77.70, -18.99, 21.24
CIElCh	78, 28.492, 131.804
Yxy	52.6982, 0.3244, 0.3943
Android (android.graphics.Color)	4289448344 (0xFFABC998)
YUV	186.4440, -16.9809, -13.5444
Hunter-Lab	72.5935, -20.4486, 20.1119

# Details

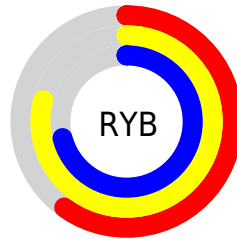
The RYB color **152, 201, 182** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **182, 152, 201**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **206, 255, 234**, and **101, 147, 130** is the 20% darker color. If you saturate the color by 10%, you get **132, 201, 174**, and if you desaturate by 10%, it is **172, 201, 190**.

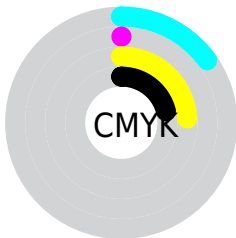
# Distribution



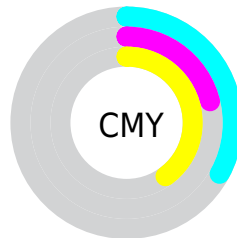
- Red (67%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (79%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 152, 201, 182 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 152, 201, 182 by changing the saturation by 10% instead.



 152, 201, 182

255, 255, 255


 206, 255, 234


 235, 255, 235


 152, 201, 182

 126, 174, 156

 101, 147, 130

 77, 121, 105

 53, 96, 80

 31, 72, 58

 9, 50, 36

 0, 29, 29

 0, 0, 0

 152, 201, 182

 152, 201, 182

 132, 201, 174

 172, 201, 190

 112, 201, 167

 192, 201, 197

 92, 201, 159

 208, 201, 212

 72, 201, 151

 220, 201, 232

 52, 201, 144

 233, 201, 253

 31, 201, 135

 245, 201, 255

 11, 201, 127

 255, 201, 255

 0, 201, 123

# Harmonies

## Analogous

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



148, 201, 140



152, 201, 182



141, 184, 206

# Triad

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



152, 201, 182



138, 176, 242



245, 173, 182

# Complementary

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



152, 201, 182



182, 152, 201

# 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.



234, 175, 209



152, 201, 182



174, 188, 243

# Square

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



152, 201, 182



115, 165, 226



209, 182, 232



242, 183, 158

# Rectangle

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



152, 201, 182



124, 169, 207



209, 182, 232



243, 173, 191



# Sweetspot

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



152, 201, 182



237, 255, 248



186, 201, 152



117, 128, 124



0, 0, 0



128, 128, 128

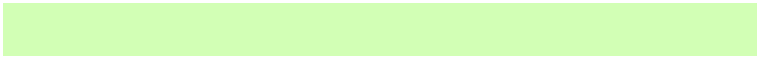


# Same Dimension

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



152, 201, 182



181, 255, 226



152, 196, 201



90, 99, 96



0, 163, 100



0, 36, 22



# Inverse Universe

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



182, 152, 201



226, 181, 255



201, 152, 196



96, 90, 99



100, 0, 163



22, 0, 36



# Previews

## White Background



This preview shows how the RYB color 152, 201, 182 looks on a white background.

## Color Contrast Check

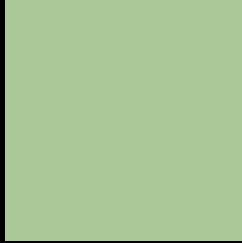
Large Text (above 18pt) WCAG AA × Fail

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 152, 201, 182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

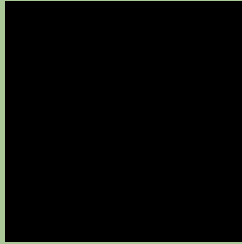
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 152, 201, 182 Background



This preview shows how black text looks on a background with the RYB color 152, 201, 182.

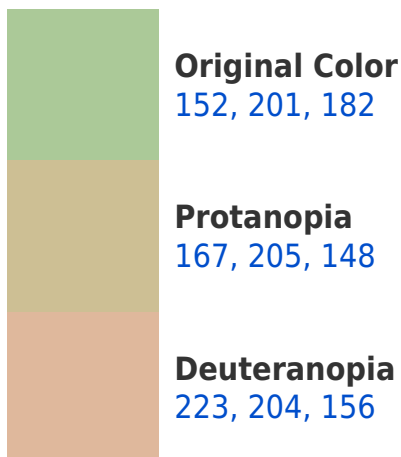


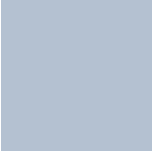
This preview shows how white text looks on a background with the RYB color 152, 201, 182.

# 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](#).

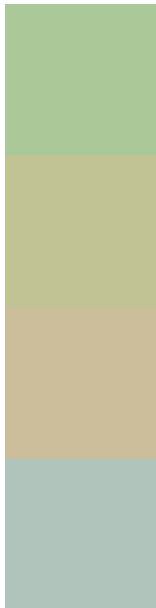
## Dichromacy





**Tritanopia**  
180, 189, 209

# Trichromacy



**Original Color**  
152, 201, 182

**Protanomaly**  
149, 195, 151

**Deuteranomaly**  
175, 204, 155

**Tritanomaly**  
177, 189, 196

# Monochromacy



**Original Color**  
152, 201, 182

**Achromatopsia**  
186, 186, 186

**Achromatomaly**  
174, 191, 184

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 152, 201, 182 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(171, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 152)  
}
```

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(171, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 152) }
```

## Border

The CSS property to change the border of an element to RYB 152, 201, 182 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(171, 201, 152) }
```

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

```
.border{ border-color:rgb(171, 201, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 201, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 201, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 201,  
152) }
```

# Background

The CSS property to change the background color of an element to RYB 152, 201, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 152) }
```

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

```
.background{ background-color: rgb(171,  
201, 152) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor