

# Converting Colors

`RYB(150, 202, 185)`

Have a look what the booklet for  
RYB(150, 202, 185) contains.

<b>RYB(150, 202, 185)</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**

**RYB(150, 202, 185)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7CA96
RGB	167, 202, 150
RGB Percent	65%, 79%, 59%
CMY	0.3451, 0.2078, 0.4118
CMYK	0.17, 0.00, 0.26, 0.21
HSL	100°, 33%, 69%
HSV	100°, 26%, 79%
XYZ	42.5619, 52.6586, 36.7750
YIQ	185.6070, -4.1680, -23.5920

# Conversions

## Conversions Part 2

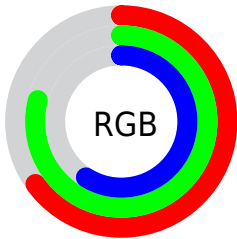
Format	Color
<a href="#">RYB</a>	<a href="#">150, 202, 185</a>
Decimal	<a href="#">10996374</a>
CIELab	<a href="#">77.67, -21.23, 22.22</a>
CIELCh	<a href="#">78, 30.737, 133.696</a>
Yxy	<a href="#">52.6586, 0.3224, 0.3989</a>
Android (android.graphics.Color)	<a href="#">4289186454</a> ( <a href="#">0xFFA7CA96</a> )
YUV	<a href="#">185.6070, -17.5543, -16.3183</a>
Hunter-Lab	<a href="#">72.5662, -22.2962, 20.7494</a>

# Details

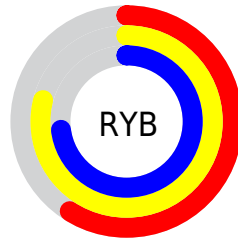
The RYB color **150, 202, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 150, 202**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **204, 255, 236**, and **99, 148, 133** is the 20% darker color. If you saturate the color by 10%, you get **130, 202, 179**, and if you desaturate by 10%, it is **170, 202, 191**.

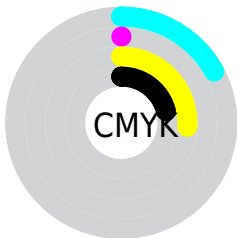
# Distribution



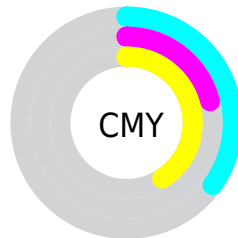
- Red (65%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (35%)
- Magenta (21%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 150, 202, 185 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 150, 202, 185 by changing the saturation by 10% instead.




 150, 202, 185


255, 255, 255


 204, 255, 236

 233, 255, 237

 150, 202, 185

 124, 175, 159

 99, 148, 133

 75, 122, 108

 52, 97, 84

 29, 73, 61

 6, 50, 37

 0, 30, 30

 0, 0, 0

 150, 202, 185

 150, 202, 185

 130, 202, 179

 170, 202, 191

 110, 202, 172

 190, 202, 198

 89, 202, 165

 208, 202, 211

 69, 202, 158

 221, 202, 231

 49, 202, 152

 235, 202, 251

 29, 202, 146

 249, 202, 255

 9, 202, 139

 255, 202, 255

 0, 202, 136

# Harmonies

## Analogous

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



141, 199, 136



150, 202, 185



134, 181, 207

# Triad

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



150, 202, 185



134, 175, 246



249, 171, 180

# Complementary

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



150, 202, 185



185, 150, 202

# 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.



239, 173, 209



150, 202, 185



175, 187, 247

# Square

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



150, 202, 185



106, 161, 230



212, 180, 233



244, 183, 154

# Rectangle

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



150, 202, 185



116, 165, 208



212, 180, 233



248, 171, 189



# Sweetspot

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



150, 202, 185



235, 255, 249



175, 202, 150



115, 128, 124



0, 0, 0



128, 128, 128

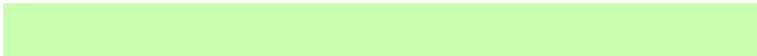


# Same Dimension

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



150, 202, 185



176, 255, 229



150, 194, 202



92, 102, 99



0, 166, 112



0, 38, 25



# Inverse Universe

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



185, 150, 202



229, 176, 255



202, 150, 193



99, 92, 102



112, 0, 166



26, 0, 38



# Previews

## White Background



This preview shows how the RYB color 150, 202, 185 looks on a white background.

## Color Contrast Check

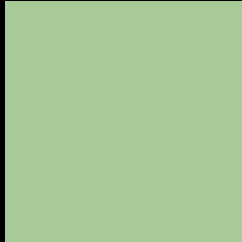
Large Text (above 18pt) WCAG AA × Fail

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 150, 202, 185 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

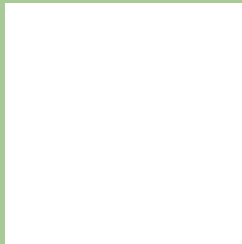
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 150, 202, 185 Background



This preview shows how black text looks on a background with the RYB color 150, 202, 185.

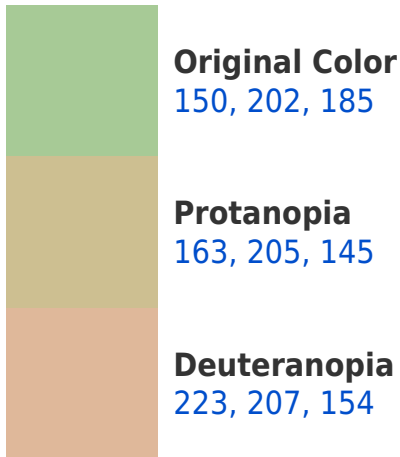


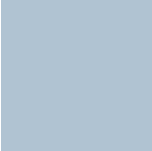
This preview shows how white text looks on a background with the RYB color 150, 202, 185.

# 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**  
176, 188, 210

# Trichromacy



**Original Color**

150, 202, 185

**Protanomaly**

147, 195, 151

**Deuteranomaly**

169, 203, 153

**Tritanomaly**

173, 188, 197

# Monochromacy



**Original Color**

150, 202, 185

**Achromatopsia**

186, 186, 186

**Achromatomaly**

173, 192, 186

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 150, 202, 185 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, 202, 150) looks like.

```
.text, #text, p{  
    color:rgb(167, 202, 150)  
}
```

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, 202, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 202, 150) }
```

## Border

The CSS property to change the border of an element to RYB 150, 202, 185 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, 202, 150) }
```

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

```
.border{ border-color:rgb(167, 202, 150) }
```

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

Here you see how a box with a 4 pixel rgb(167, 202, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 202, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 202, 150);  
box-shadow:4px 4px 4px 4px rgb(167, 202,  
150) }
```

# Background

The CSS property to change the background color of an element to RYB 150, 202, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 202, 150) }
```

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

```
.background{ background-color: rgb(167,  
202, 150) }
```

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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