

# Converting Colors

`RYB(141, 201, 195)`

Have a look what the booklet for  
RYB(141, 201, 195) contains.

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# Color

**R<sub>Y</sub>B(141, 201, 195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C98D
RGB	147, 201, 141
RGB Percent	58%, 79%, 55%
CMY	0.4235, 0.2118, 0.4471
CMYK	0.27, 0.00, 0.30, 0.21
HSL	114°, 36%, 67%
HSV	114°, 30%, 79%
XYZ	37.7270, 49.8994, 32.8424
YIQ	178.0140, -12.9240, -30.1080

# Conversions

## Conversions Part 2

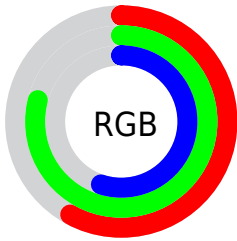
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 201, 195
Decimal	9685389
CIELab	76.01, -29.13, 24.50
CIElCh	76, 38.063, 139.925
Yxy	49.8994, 0.3132, 0.4142
Android (android.graphics.Color)	4287875469 (0xFF93C98D)
YUV	178.0140, -18.2479, -27.1993
Hunter-Lab	70.6395, -28.2863, 21.8820

# Details

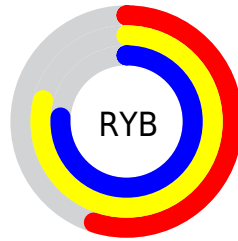
The RYB color **141, 201, 195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 141, 201**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **195, 255, 248**, and **90, 147, 142** is the 20% darker color. If you saturate the color by 10%, you get **121, 201, 193**, and if you desaturate by 10%, it is **161, 201, 197**.

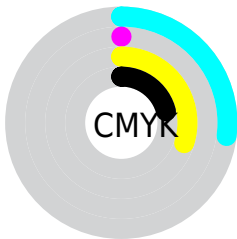
# Distribution



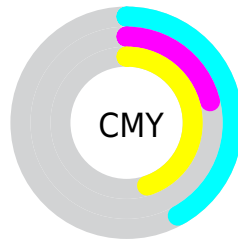
- Red (58%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 141, 201, 195 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, 201, 195 by changing the saturation by 10% instead.



 141, 201, 195


255, 255, 255


 195, 255, 248


 223, 255, 247

 252, 255, 252

 141, 201, 195

 115, 173, 168

 90, 147, 142

 66, 121, 118

 43, 96, 95

 18, 68, 71

 0, 48, 48

 0, 29, 29

 0, 0, 0


 141, 201, 195

 141, 201, 195

 121, 201, 193

 161, 201, 197

 101, 201, 191

 181, 201, 199

 81, 201, 189

 201, 201, 201

 61, 201, 187

 219, 201, 221

 41, 201, 185

 237, 201, 242

 20, 201, 183

 255, 201, 255

 0, 201, 181

# Harmonies

## Analogous

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



120, 193, 126



141, 201, 195



103, 164, 206

# Triad

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



141, 201, 195



118, 167, 255



255, 161, 165

# Complementary

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



141, 201, 195



195, 141, 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.



248, 162, 201



141, 201, 195



175, 182, 253

# Square

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



141, 201, 195



65, 142, 240



220, 170, 233



246, 184, 135

# Rectangle

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



141, 201, 195



74, 142, 206



220, 170, 233



255, 160, 177

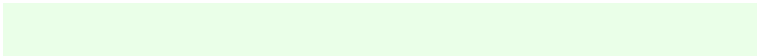


# Sweetspot

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



141, 201, 195



232, 255, 253



148, 201, 141



113, 128, 126



0, 0, 0



128, 128, 128

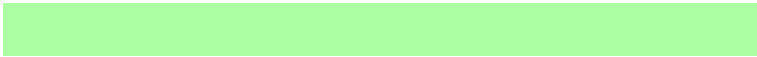


# Same Dimension

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



141, 201, 195



163, 255, 246



141, 184, 201



90, 99, 99



0, 163, 147



0, 36, 32



# Inverse Universe

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



195, 141, 201



246, 163, 255



201, 141, 177



98, 90, 99



147, 0, 163



32, 0, 36



# Previews

## White Background



This preview shows how the RYB color 141, 201, 195 looks on a white background.

## Color Contrast Check

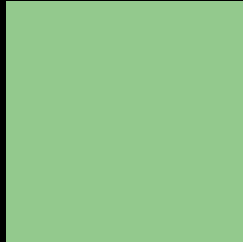
Large Text (above 18pt) WCAG AA × Fail

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, 201, 195 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, 201, 195 Background**



This preview shows how black text looks on a background with the RYB color 141, 201, 195.

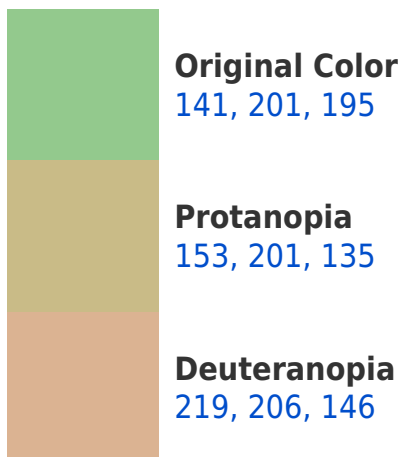


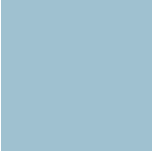
This preview shows how white text looks on a background with the RYB color 141, 201, 195.

# 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**  
159, 179, 208

# Trichromacy



**Original Color**

141, 201, 195

**Protanomaly**

137, 192, 148

**Deuteranomaly**

151, 193, 144

**Tritanomaly**

155, 178, 195

# Monochromacy



**Original Color**

141, 201, 195

**Achromatopsia**

178, 178, 178

**Achromatomaly**

165, 186, 184

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 141, 201, 195 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(147, 201, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 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(147, 201, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 141) }
```

## Border

The CSS property to change the border of an element to RYB 141, 201, 195 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(147, 201, 141) }
```

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

```
.border{ border-color:rgb(147, 201, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 201, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 201, 141); box-shadow:4px 4px 4px 4px rgb(147, 201, 141) }
```

# Background

The CSS property to change the background color of an element to RYB 141, 201, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 141) }
```

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

```
.background{ background-color: rgb(147,  
201, 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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