

# Converting Colors

`RYB(125, 174, 179)`

Have a look what the booklet for  
RYB(125, 174, 179) contains.

<b>RYB(125, 174, 179)</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(125, 174, 179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB383
RGB	125, 179, 131
RGB Percent	49%, 70%, 51%
CMY	0.5098, 0.2980, 0.4882
CMYK	0.30, 0.00, 0.27, 0.30
HSL	126°, 26%, 60%
HSV	126°, 30%, 70%
XYZ	28.6412, 38.2256, 27.1678
YIQ	157.3820, -16.7760, -26.3760

# Conversions

## Conversions Part 2

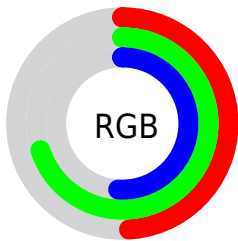
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 174, 179
Decimal	8237955
CIELab	68.19, -27.66, 19.24
CIELCh	68, 33.693, 145.180
Yxy	38.2256, 0.3046, 0.4065
Android (android.graphics.Color)	4286428035 (0xFF7DB383)
YUV	157.3820, -13.0063, -28.3990
Hunter-Lab	61.8269, -25.5073, 17.2257

# Details

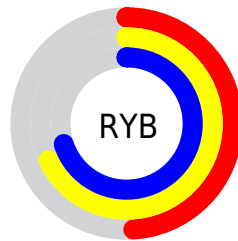
The RYB color **125, 174, 179** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 125, 173**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **179, 230, 235**, and **74, 120, 126** is the 20% darker color. If you saturate the color by 10%, you get **107, 173, 179**, and if you desaturate by 10%, it is **143, 175, 179**.

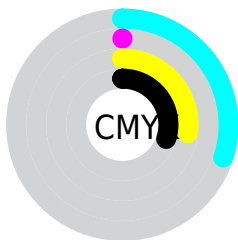
# Distribution



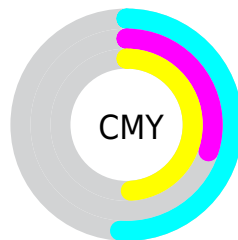
- Red (49%)
- Green (70%)
- Blue (51%)



- Red (49%)
- Yellow (68%)
- Blue (70%)



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



- Cyan (51%)
- Magenta (30%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 125, 174, 179 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 125, 174, 179 by changing the saturation by 10% instead.



 125, 174, 179


255, 255, 255


 179, 230, 235

 207, 251, 255

 236, 252, 255

 125, 174, 179


 99, 147, 152

 74, 120, 126

 49, 93, 101


 23, 66, 76

 0, 42, 53

 0, 33, 33


 0, 0, 0


 125, 174, 179


 107, 173, 179

 125, 174, 179


 143, 175, 179

 89, 171, 179


 161, 177, 179

 71, 169, 179


 179, 179, 179


 53, 167, 179

 197, 179, 195


 35, 165, 179

 214, 179, 211

 18, 164, 179

 232, 179, 227

 0, 163, 179

 250, 179, 243

 255, 179, 255

# Harmonies

## Analogous

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



110, 172, 122



125, 174, 179



88, 141, 182

# Triad

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



125, 174, 179



116, 153, 226



226, 145, 142

# Complementary

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



125, 174, 179



179, 125, 173

# 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.



222, 143, 172



125, 174, 179



163, 160, 221

# Square

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



125, 174, 179



70, 132, 215



200, 150, 201



215, 171, 117

# Rectangle

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



125, 174, 179



65, 125, 183



200, 150, 201



226, 143, 152



# Sweetspot

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



125, 174, 179



211, 230, 232



125, 179, 130



104, 115, 117



245, 245, 245



117, 117, 117



# Same Dimension

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



125, 174, 179



149, 225, 232



125, 159, 179



80, 88, 89



0, 139, 153



0, 23, 26



# Inverse Universe

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



179, 125, 173



232, 149, 224



179, 125, 147



89, 80, 88



153, 0, 137



26, 0, 23



# Previews

## White Background



This preview shows how the RYB color 125, 174, 179 looks on a white background.

## Color Contrast Check

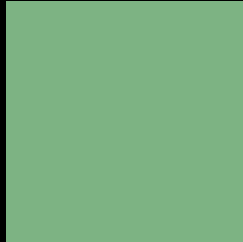
Large Text (above 18pt) WCAG AA × Fail

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 125, 174, 179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

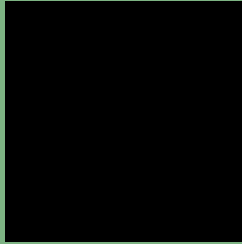
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYP 125, 174, 179 Background



This preview shows how black text looks on a background with the RYP color 125, 174, 179.

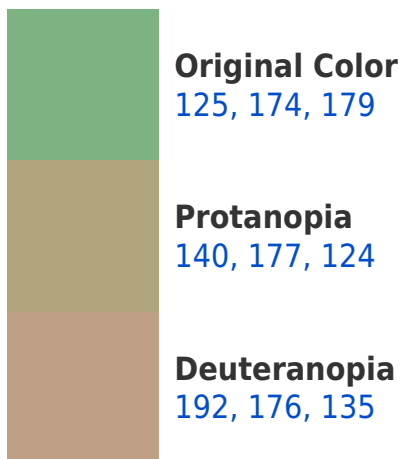


This preview shows how white text looks on a background with the RYP color 125, 174, 179.

# 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**  
135, 156, 186

# Trichromacy



**Original Color**  
125, 174, 179

**Protanomaly**  
126, 170, 138

**Deuteranomaly**  
135, 168, 133

**Tritanomaly**  
131, 156, 175

# Monochromacy



**Original Color**  
125, 174, 179

**Achromatopsia**  
157, 157, 157

**Achromatomaly**  
145, 163, 165

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 125, 174, 179 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(125, 179, 131)` looks like.

```
.text, #text, p{  
    color:rgb(125, 179, 131)  
}
```

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(125, 179, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 131) }
```

## Border

The CSS property to change the border of an element to RYB 125, 174, 179 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(125, 179, 131) }
```

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

```
.border{ border-color:rgb(125, 179, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 179, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 131);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
131) }
```

# Background

The CSS property to change the background color of an element to RYB 125, 174, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 131) }
```

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

```
.background{ background-color: rgb(125,  
179, 131) }
```

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