

# Converting Colors

`RYB(147, 171, 195)`

Have a look what the booklet for  
RYB(147, 171, 195) contains.

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# Color

**R<sub>Y</sub>B(147, 171, 195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C3C3
RGB	147, 195, 195
RGB Percent	58%, 76%, 76%
CMY	0.4235, 0.2353, 0.2353
CMYK	0.25, 0.00, 0.00, 0.24
HSL	180°, 29%, 67%
HSV	180°, 25%, 76%
XYZ	41.3981, 49.1734, 58.9393
YIQ	180.6480, -28.6080, -10.1760

# Conversions

## Conversions Part 2

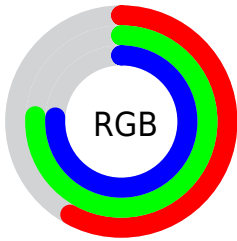
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 171, 195
Decimal	9683907
CIELab	75.56, -15.64, -5.14
CIELCh	76, 16.463, 198.178
Yxy	49.1734, 0.2769, 0.3289
Android (android.graphics.Color)	4287873987 (0xFF93C3C3)
YUV	180.6480, 7.0755, -29.5093
Hunter-Lab	70.1237, -17.3378, -0.7468

# Details

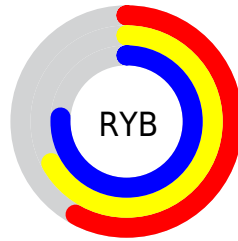
The RYB color **147, 171, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 147, 147**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **202, 227, 252**, and **95, 118, 141** is the 20% darker color. If you saturate the color by 10%, you get **128, 162, 195**, and if you desaturate by 10%, it is **166, 181, 195**.

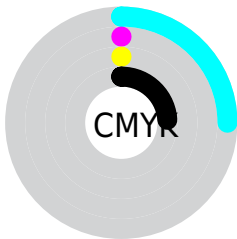
# Distribution



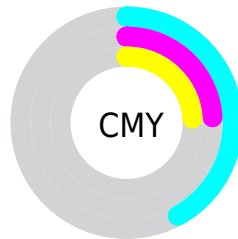
- Red (58%)
- Green (76%)
- Blue (76%)



- Red (58%)
- Yellow (67%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 147, 171, 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 147, 171, 195 by changing the saturation by 10% instead.





 147, 171, 195


255, 255, 255


 202, 227, 252

 231, 243, 255

 147, 171, 195

 120, 144, 168

 95, 118, 141

 70, 93, 116


 45, 68, 91


 18, 43, 68

 0, 23, 46

 0, 13, 25


 0, 0, 0

 147, 171, 195


 147, 171, 195

 128, 162, 195


 166, 181, 195

 108, 152, 195


 186, 191, 195

 89, 142, 195


 206, 195, 195

 69, 132, 195


 225, 195, 195

 49, 122, 195

 244, 195, 195

 30, 113, 195

 255, 195, 195

 11, 103, 195

 0, 98, 195

# Harmonies

## Analogous

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



156, 181, 195



147, 171, 195



149, 174, 208

# Triad

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



147, 171, 195



200, 179, 207



195, 204, 157

# Complementary

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



147, 171, 195



195, 147, 147

# 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.



215, 185, 164



147, 171, 195



213, 176, 193

# Square

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



147, 171, 195



181, 184, 215



218, 176, 177



157, 188, 157

# Rectangle

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



147, 171, 195



157, 178, 214



218, 176, 177



208, 201, 158

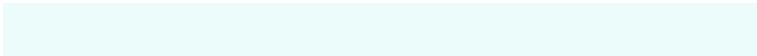


# Sweetspot

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



147, 171, 195



235, 244, 252



147, 195, 195



117, 123, 128



0, 0, 0



128, 128, 128

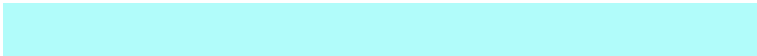


# Same Dimension

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



147, 171, 195



177, 215, 252



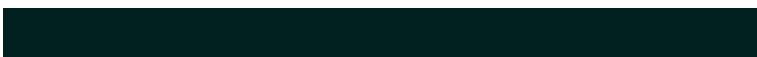
147, 163, 195



87, 92, 97



0, 81, 161



0, 17, 33



# Inverse Universe

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



195, 147, 195



252, 177, 252



195, 195, 147



97, 87, 97



161, 0, 161



33, 0, 33



# Previews

## White Background



This preview shows how the RYB color 147, 171, 195 looks on a white background.

## Color Contrast Check

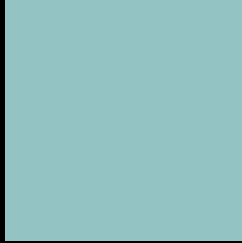
Large Text (above 18pt) WCAG AA × Fail

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 147, 171, 195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

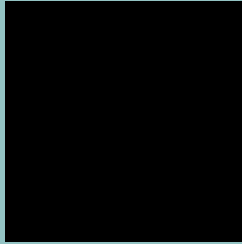
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

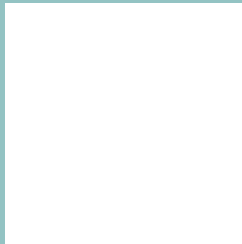
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 147, 171, 195 Background



This preview shows how black text looks on a background with the RYB color 147, 171, 195.

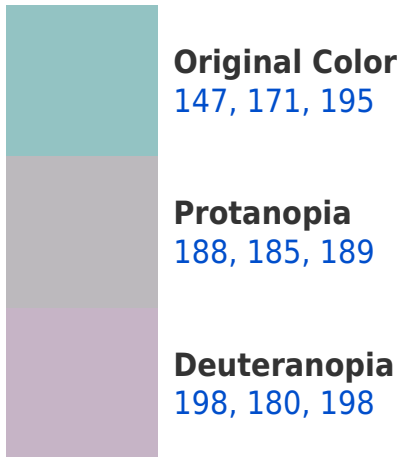


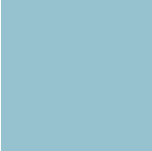
This preview shows how white text looks on a background with the RYB color 147, 171, 195.

# 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**  
150, 175, 208

# Trichromacy



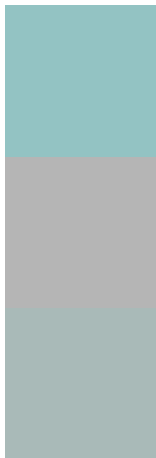
**Original Color**  
147, 171, 195

**Protanomaly**  
173, 181, 191

**Deuteranomaly**  
179, 184, 197

**Tritanomaly**  
149, 174, 203

# Monochromacy



**Original Color**  
147, 171, 195

**Achromatopsia**  
181, 181, 181

**Achromatomaly**  
169, 178, 186

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 147, 171, 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, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(147, 195, 195)  
}
```

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, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 195, 195) }
```

## Border

The CSS property to change the border of an element to RYB 147, 171, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

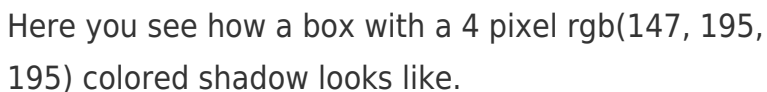
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 195, 195) }
```

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

```
.border{ border-color:rgb(147, 195, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 195, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 195, 195); box-shadow:4px 4px 4px 4px rgb(147, 195, 195) }
```

# Background

The CSS property to change the background color of an element to RYB 147, 171, 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, 195, 195) }
```

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

```
.background{ background-color: rgb(147,  
195, 195) }
```

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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