

# Converting Colors

`RYB(147, 180, 187)`

Have a look what the booklet for  
RYB(147, 180, 187) contains.

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# Color

**R<sub>Y</sub>B(147, 180, 187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93BB9B
RGB	147, 187, 155
RGB Percent	58%, 73%, 61%
CMY	0.4235, 0.2667, 0.3903
CMYK	0.21, 0.00, 0.17, 0.27
HSL	133°, 23%, 65%
HSV	133°, 21%, 73%
XYZ	35.7602, 44.1266, 37.8568
YIQ	171.3920, -13.5680, -18.4320

# Conversions

## Conversions Part 2

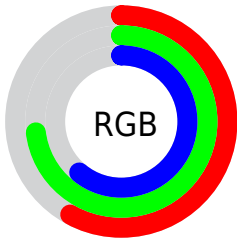
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 180, 187
Decimal	9681819
CIELab	72.31, -19.70, 11.63
CIElCh	72, 22.878, 149.447
Yxy	44.1266, 0.3037, 0.3748
Android (android.graphics.Color)	4287871899 (0xFF93BB9B)
YUV	171.3920, -8.0813, -21.3918
Hunter-Lab	66.4278, -20.1567, 12.7105

# Details

The RYB color **147, 180, 187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 147, 179**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **202, 237, 243**, and **96, 127, 134** is the 20% darker color. If you saturate the color by 10%, you get **128, 176, 187**, and if you desaturate by 10%, it is **166, 184, 187**.

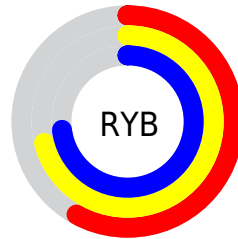
# Distribution



Red (58%)

Green (73%)

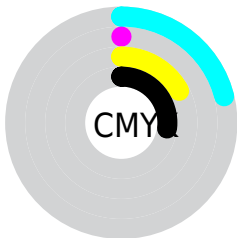
Blue (61%)



Red (58%)

Yellow (71%)

Blue (73%)

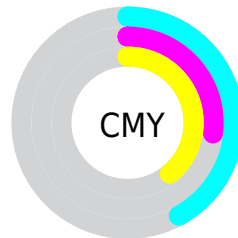


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 147, 180, 187 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, 180, 187 by changing the saturation by 10% instead.




 147, 180, 187


255, 255, 255


 202, 236, 243


 230, 249, 255

 147, 180, 187

 121, 153, 160

 96, 127, 134

 71, 101, 108

 48, 77, 84

 25, 52, 60

 2, 29, 38


 0, 15, 15


 0, 0, 0

 147, 180, 187


 147, 180, 187


 128, 176, 187


 166, 184, 187


 110, 174, 187


 184, 186, 187


 91, 170, 187


 203, 187, 200

 72, 166, 187


 222, 187, 214

 54, 164, 187

 241, 187, 229

 35, 161, 187

 255, 187, 244

 16, 157, 187

 255, 187, 255

 0, 154, 187

# Harmonies

## Analogous

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



141, 182, 152



147, 180, 187



127, 162, 189

# Triad

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



147, 180, 187



152, 171, 219



220, 165, 158

# Complementary

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



147, 180, 187



187, 147, 179

# 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.



218, 162, 178



147, 180, 187



180, 172, 214

# Square

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



147, 180, 187



128, 162, 213



204, 166, 199



211, 186, 142

# Rectangle

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



147, 180, 187



119, 154, 190



204, 166, 199



221, 163, 164

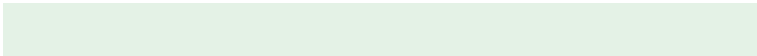


# Sweetspot

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



147, 180, 187



228, 240, 242



147, 187, 155



114, 120, 122



250, 250, 250



122, 122, 122

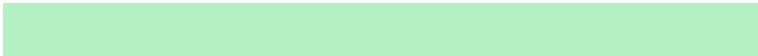


# Same Dimension

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



147, 180, 187



179, 231, 242



147, 171, 187



85, 92, 94



0, 130, 158



0, 26, 31



# Inverse Universe

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



187, 147, 179



242, 179, 229



187, 147, 159



94, 85, 92



158, 0, 125



31, 0, 24



# Previews

## White Background



This preview shows how the RYB color 147, 180, 187 looks on a white background.

## Color Contrast Check

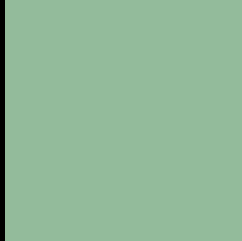
Large Text (above 18pt) WCAG AA × Fail

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, 180, 187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

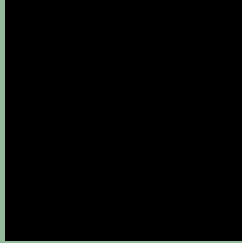
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 147, 180, 187 Background**



This preview shows how black text looks on a background with the RYB color 147, 180, 187.



This preview shows how white text looks on a background with the RYB color 147, 180, 187.

# 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



**Original Color**  
147, 180, 187

**Protanopia**  
164, 186, 150

**Deuteranopia**  
200, 174, 159



**Tritanopia**  
154, 170, 196

# Trichromacy



**Original Color**  
147, 180, 187

**Protanomaly**  
152, 180, 160

**Deuteranomaly**  
164, 181, 158

**Tritanomaly**  
151, 168, 183

# Monochromacy



**Original Color**  
147, 180, 187

**Achromatopsia**  
171, 171, 171

**Achromatomaly**  
162, 175, 177

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 147, 180, 187 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, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 155)  
}
```

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, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 155) }
```

## Border

The CSS property to change the border of an element to RYB 147, 180, 187 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, 187, 155) }
```

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

```
.border{ border-color:rgb(147, 187, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
155) }
```

# Background

The CSS property to change the background color of an element to RYB 147, 180, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 155) }
```

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

```
.background{ background-color: rgb(147,  
187, 155) }
```

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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