

Converting Colors

`RYB(153, 167, 180)`

Have a look what the booklet for
RYB(153, 167, 180) contains.

RYB(153, 167, 180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(153, 167, 180)

Conversions

Conversions Part 1

Format	Color
Hex	99B4B2
RGB	153, 180, 178
RGB Percent	60%, 71%, 70%
CMY	0.4000, 0.2941, 0.3017
CMYK	0.15, 0.00, 0.01, 0.29
HSL	176°, 15%, 65%
HSV	176°, 15%, 71%
XYZ	37.5012, 42.6320, 48.4094
YIQ	171.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

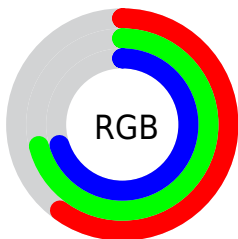
Format	Color
RYB	153, 167, 180
Decimal	10073266
CIELab	71.30, -9.59, -2.12
CIElCh	71, 9.821, 192.474
Yxy	42.6320, 0.2917, 0.3317
Android (android.graphics.Color)	4288263346 (0xFF99B4B2)
YUV	171.6990, 3.1064, -16.3990
Hunter-Lab	65.2932, -11.7416, 1.7468

Details

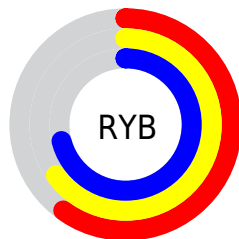
The RYB color **153, 167, 180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180, 153, 155**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **208, 223, 236**, and **102, 115, 127** is the 20% darker color. If you saturate the color by 10%, you get **135, 158, 180**, and if you desaturate by 10%, it is **171, 176, 180**.

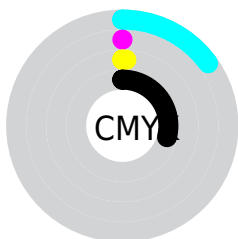
Distribution



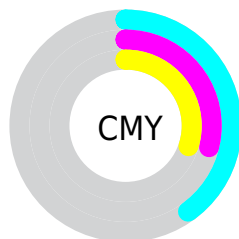
- Red (60%)
- Green (71%)
- Blue (70%)



- Red (60%)
- Yellow (65%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 167, 180 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 153, 167, 180 by changing the saturation by 10% instead.


 153, 167, 180

255, 255, 255

 208, 223, 236

 236, 246, 255

 153, 167, 180

 127, 141, 153

 102, 115, 127

 77, 90, 102

 54, 66, 78

 32, 44, 55

 10, 22, 34

 0, 5, 10

 0, 0, 0

 153, 167, 180

 153, 167, 180

■ 135, 158, 180

■ 171, 176, 180

■ 117, 150, 180

■ 189, 180, 181

■ 99, 141, 180

■ 207, 180, 182

■ 81, 132, 180

■ 225, 180, 183

■ 63, 124, 180

■ 243, 180, 185

■ 45, 115, 180

■ 255, 180, 186

■ 27, 106, 180

■ 255, 180, 187

■ 9, 98, 180

■ 255, 180, 188

■ 0, 93, 180

■ 255, 180, 190

Harmonies

Analogous

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



158, 173, 180



153, 167, 180



153, 168, 186

Triad

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



153, 167, 180



181, 171, 188



187, 185, 158

Complementary

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



153, 167, 180



180, 153, 155

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.



193, 172, 163



153, 167, 180



190, 169, 180

Square

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



153, 167, 180



170, 173, 192



194, 169, 171



161, 178, 157

Rectangle

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



153, 167, 180



157, 170, 190



194, 169, 171



190, 179, 159

Sweetspot

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



153, 167, 180



223, 229, 235



153, 180, 178



110, 114, 117



245, 245, 245



117, 117, 117

Same Dimension

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



153, 167, 180



192, 214, 235



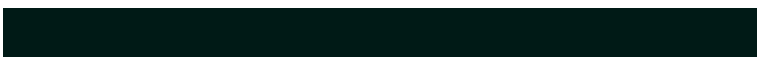
153, 163, 180



80, 85, 89



0, 79, 153



0, 14, 26

Inverse Universe

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



180, 153, 155



235, 192, 195



180, 172, 153



89, 80, 81



153, 0, 11



26, 0, 2

Previews

White Background



This preview shows how the RYB color 153, 167, 180 looks on a white background.

Color Contrast Check

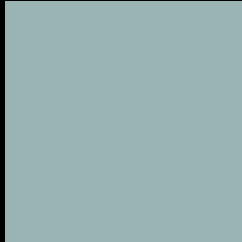
Large Text (above 18pt) WCAG AA × Fail

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 153, 167, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

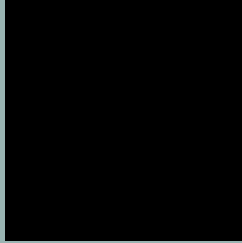
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

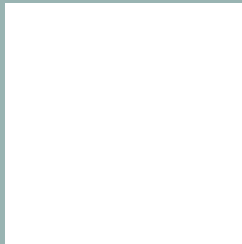
Any Text WCAG AAA ✓ Pass

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

RYB 153, 167, 180 Background



This preview shows how black text looks on a background with the RYB color 153, 167, 180.

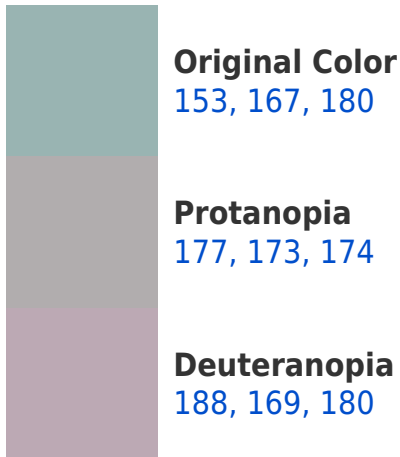


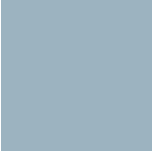
This preview shows how white text looks on a background with the RYB color 153, 167, 180.

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
156, 170, 192

Trichromacy



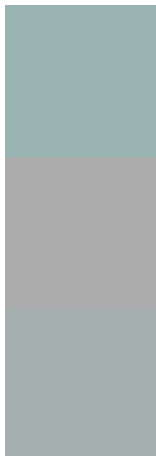
Original Color
153, 167, 180

Protanomaly
168, 172, 176

Deuteranomaly
175, 173, 179

Tritanomaly
155, 169, 187

Monochromacy



Original Color
153, 167, 180

Achromatopsia
172, 172, 172

Achromatomaly
165, 170, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 180, 178 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(153, 180, 178) looks like.

```
.text, #text, p{  
    color:rgb(153, 180, 178)  
}
```

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(153, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 180, 178) }
```

Border

The CSS property to change the border of an element to RYB 153, 167, 180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

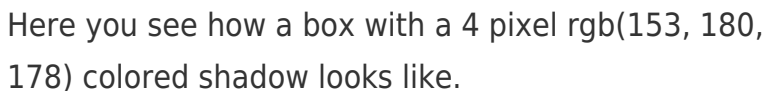
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 180, 178) }
```

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

```
.border{ border-color:rgb(153, 180, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 180, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 180, 178); box-shadow:4px 4px 4px 4px rgb(153, 180, 178) }
```

Background

The CSS property to change the background color of an element to RYB 153, 167, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 180, 178) }
```

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

```
.background{ background-color: rgb(153,  
180, 178) }
```

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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