

Converting Colors

`RYB(153, 175, 194)`

Have a look what the booklet for
RYB(153, 175, 194) contains.

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Color

R_YB(153, 175, 194)

Conversions

Conversions Part 1

Format	Color
Hex	99C2BC
RGB	153, 194, 188
RGB Percent	60%, 76%, 74%
CMY	0.4000, 0.2392, 0.2611
CMYK	0.21, 0.00, 0.03, 0.24
HSL	172°, 25%, 68%
HSV	172°, 21%, 76%
XYZ	41.5499, 49.0044, 55.0774
YIQ	181.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

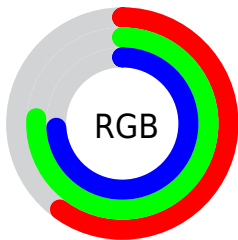
Format	Color
RYB	153, 175, 194
Decimal	10076860
CIELab	75.45, -14.73, -1.68
CIELCh	75, 14.821, 186.494
Yxy	49.0044, 0.2853, 0.3365
Android (android.graphics.Color)	4288266940 (0xFF99C2BC)
YUV	181.0570, 3.4229, -24.6060
Hunter-Lab	70.0031, -16.5579, 2.3537

Details

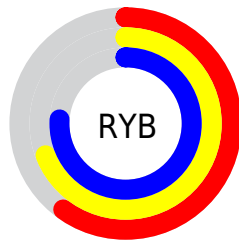
The RYB color **153, 175, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 153, 159**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **208, 231, 251**, and **101, 122, 140** is the 20% darker color. If you saturate the color by 10%, you get **134, 166, 194**, and if you desaturate by 10%, it is **172, 184, 194**.

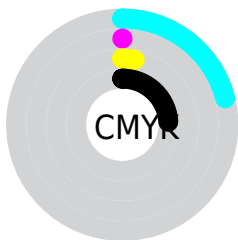
Distribution



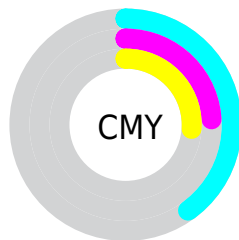
- Red (60%)
- Green (76%)
- Blue (74%)



- Red (60%)
- Yellow (69%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 175, 194 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, 175, 194 by changing the saturation by 10% instead.

■ 153, 175, 194

255, 255, 255

■ 208, 231, 251

■ 236, 246, 255

■ 153, 175, 194

■ 127, 149, 167

■ 101, 122, 140

■ 76, 97, 115

■ 52, 72, 90

■ 28, 49, 67


■ 3, 24, 44

■ 0, 14, 25


■ 0, 0, 0


■ 153, 175, 194


■ 153, 175, 194


 134, 166, 194


 172, 184, 194


 114, 157, 194


 192, 193, 194


 95, 148, 194


 211, 194, 196

 75, 139, 194


 231, 194, 199

 56, 130, 194

 250, 194, 202

 37, 121, 194

 255, 194, 204

 17, 112, 194

 255, 194, 207

 0, 104, 194

 255, 194, 210

 255, 194, 212

Harmonies

Analogous

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



163, 184, 193



153, 175, 194



151, 174, 202

Triad

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



153, 175, 194



192, 181, 208



207, 196, 161

Complementary

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



153, 175, 194



194, 153, 159

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.



214, 180, 170



153, 175, 194



206, 178, 197

Square

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



153, 175, 194



175, 184, 213



214, 176, 183



169, 194, 159

Rectangle

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



153, 175, 194



156, 177, 208



214, 176, 183



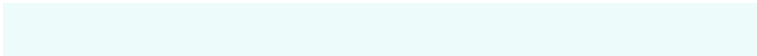
210, 189, 164

Sweetspot

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



153, 175, 194



237, 245, 252



153, 194, 188



119, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



153, 175, 194



189, 223, 252



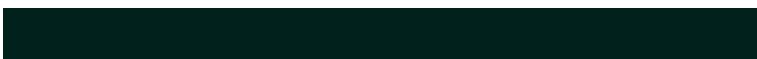
153, 169, 194



87, 92, 97



0, 86, 161



0, 18, 33

Inverse Universe

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



194, 153, 159



252, 189, 198



194, 174, 153



97, 87, 89



161, 0, 22



33, 0, 5

Previews

White Background



This preview shows how the RYB color 153, 175, 194 looks on a white background.

Color Contrast Check

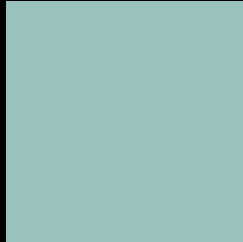
Large Text (above 18pt) WCAG AA × Fail

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, 175, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

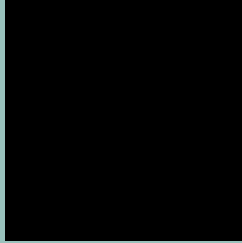
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

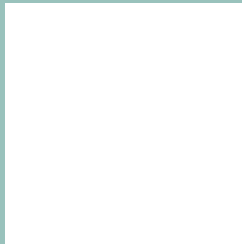
Any Text WCAG AAA ✓ Pass

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

R Y B 153, 175, 194 Background



This preview shows how black text looks on a background with the RYB color 153, 175, 194.



This preview shows how white text looks on a background with the RYB color 153, 175, 194.

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
157, 177, 207

Trichromacy



Original Color
153, 175, 194

Protanomaly
176, 183, 188

Deuteranomaly
184, 185, 190

Tritanomaly
156, 176, 200

Monochromacy



Original Color
153, 175, 194

Achromatopsia
181, 181, 181

Achromatomaly
171, 179, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 175, 194 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, 194, 188) looks like.

```
.text, #text, p{  
    color:rgb(153, 194, 188)  
}
```

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, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 194, 188) }
```

Border

The CSS property to change the border of an element to RYB 153, 175, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

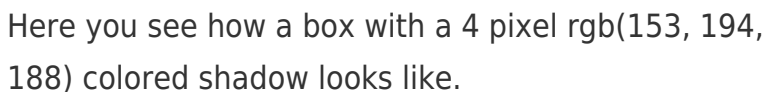
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 194, 188) }
```

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

```
.border{ border-color:rgb(153, 194, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 194, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 194, 188); box-shadow:4px 4px 4px 4px rgb(153, 194, 188) }
```

Background

The CSS property to change the background color of an element to RYB 153, 175, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 194, 188) }
```

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

```
.background{ background-color: rgb(153,  
194, 188) }
```

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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