

Converting Colors

`RYB(143, 193, 186)`

Have a look what the booklet for
RYB(143, 193, 186) contains.

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Color

R_YB(143, 193, 186)

Conversions

Conversions Part 1

Format	Color
Hex	96C18F
RGB	150, 193, 143
RGB Percent	59%, 76%, 56%
CMY	0.4118, 0.2431, 0.4392
CMYK	0.22, 0.00, 0.26, 0.24
HSL	112°, 29%, 66%
HSV	112°, 26%, 76%
XYZ	36.6056, 46.6071, 33.0534
YIQ	174.4430, -9.5780, -24.6660

Conversions

Conversions Part 2

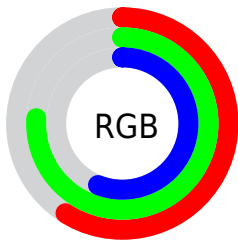
Format	Color
RYB	143, 193, 186
Decimal	9879951
CIELab	73.94, -23.88, 20.65
CIELCh	74, 31.572, 139.151
Yxy	46.6071, 0.3148, 0.4009
Android (android.graphics.Color)	4288070031 (0xFF96C18F)
YUV	174.4430, -15.5014, -21.4365
Hunter-Lab	68.2694, -23.7611, 19.0827

Details

The RYB color **143, 193, 186** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186, 143, 193**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **197, 250, 242**, and **92, 139, 133** is the 20% darker color. If you saturate the color by 10%, you get **124, 193, 184**, and if you desaturate by 10%, it is **162, 193, 188**.

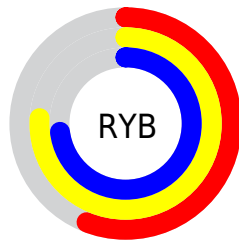
Distribution



Red (59%)

Green (76%)

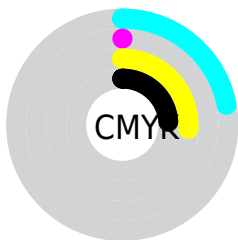
Blue (56%)



Red (56%)

Yellow (76%)

Blue (73%)

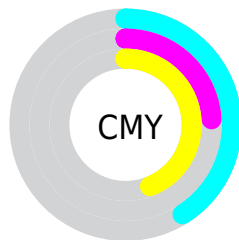


Cyan (22%)

Magenta (0%)

Yellow (26%)

Black (24%)



Cyan (41%)

Magenta (24%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 193, 186 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 143, 193, 186 by changing the saturation by 10% instead.

 143, 193, 186

255, 255, 255


 197, 250, 242


 225, 255, 247

254, 255, 254

 143, 193, 186

 117, 166, 159

 92, 139, 133

 69, 114, 110

 46, 89, 86

 24, 65, 64


 0, 43, 40

 0, 22, 22


 0, 0, 0

 143, 193, 186


 143, 193, 186


 124, 193, 184


 162, 193, 188

 104, 193, 180


 182, 193, 192

 85, 193, 178


 200, 193, 201


 66, 193, 175

 216, 193, 220

 47, 193, 173

 233, 193, 240

 27, 193, 170

 250, 193, 255

 8, 193, 167

 255, 193, 255

 0, 193, 166

Harmonies

Analogous

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



126, 186, 129



143, 193, 186



117, 165, 197

Triad

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



143, 193, 186



128, 167, 238



240, 161, 164

Complementary

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



143, 193, 186



186, 143, 193

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.



232, 161, 194



143, 193, 186



171, 177, 236

Square

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



143, 193, 186



94, 151, 225



208, 168, 220



232, 179, 139

Rectangle

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



143, 193, 186



98, 150, 198



208, 168, 220



239, 160, 174

Sweetspot

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



143, 193, 186



230, 250, 247



151, 193, 143



112, 125, 123



252, 252, 252



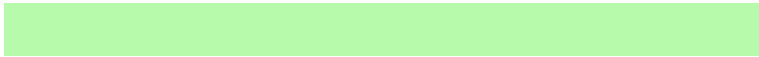
125, 125, 125

Same Dimension

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



143, 193, 186



172, 250, 239



143, 180, 193



87, 97, 95



0, 161, 139



0, 33, 28

Inverse Universe

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



186, 143, 193



239, 172, 250



193, 143, 175



96, 87, 97



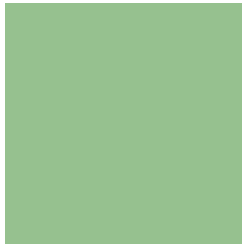
138, 0, 161



29, 0, 33

Previews

White Background



This preview shows how the RYB color 143, 193, 186 looks on a white background.

Color Contrast Check

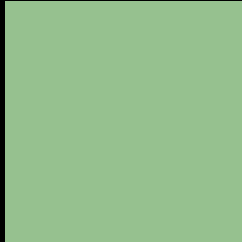
Large Text (above 18pt) WCAG AA × Fail

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 143, 193, 186 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 143, 193, 186 Background



This preview shows how black text looks on a background with the RYB color 143, 193, 186.

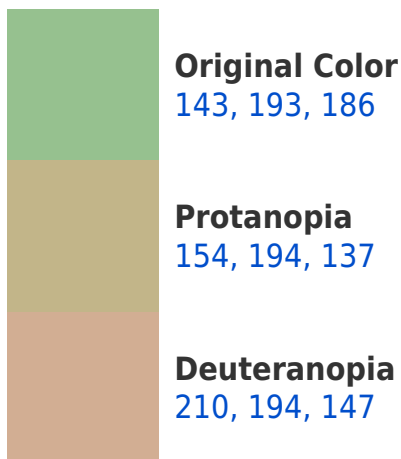


This preview shows how white text looks on a background with the RYB color 143, 193, 186.

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](#).

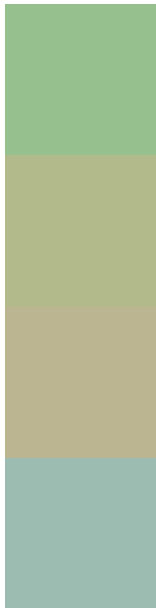
Dichromacy





Tritanopia
160, 175, 200

Trichromacy



Original Color
143, 193, 186

Protanomaly
139, 185, 146

Deuteranomaly
154, 188, 146

Tritanomaly
156, 175, 188

Monochromacy



Original Color
143, 193, 186

Achromatopsia
174, 174, 174

Achromatomaly
163, 181, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 193, 186 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(150, 193, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 193, 143)  
}
```

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(150, 193, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 193, 143) }
```

Border

The CSS property to change the border of an element to RYB 143, 193, 186 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(150, 193, 143) }
```

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

```
.border{ border-color:rgb(150, 193, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 193, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 193, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 193, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 193,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 143, 193, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 193, 143) }
```

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

```
.background{ background-color: rgb(150,  
193, 143) }
```

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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