

Converting Colors

`RYB(135, 195, 183)`

Have a look what the booklet for
RYB(135, 195, 183) contains.

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Color

R_YB(135, 195, 183)

Conversions

Conversions Part 1

Format	Color
Hex	93C387
RGB	147, 195, 135
RGB Percent	58%, 76%, 53%
CMY	0.4235, 0.2353, 0.4706
CMYK	0.25, 0.00, 0.31, 0.24
HSL	108°, 33%, 65%
HSV	108°, 31%, 76%
XYZ	35.9209, 46.9825, 30.0970
YIQ	173.8080, -9.3480, -28.8360

Conversions

Conversions Part 2

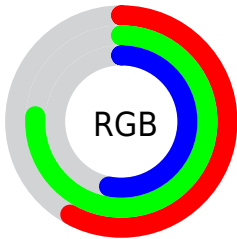
Format	Color
RYB	135, 195, 183
Decimal	9683847
CIELab	74.18, -27.20, 25.20
CIELCh	74, 37.080, 137.190
Yxy	46.9825, 0.3179, 0.4158
Android (android.graphics.Color)	4287873927 (0xFF93C387)
YUV	173.8080, -19.1323, -23.5106
Hunter-Lab	68.5438, -26.4074, 21.9469

Details

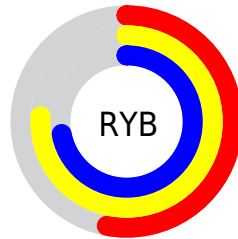
The RYB color **135, 195, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 135, 195**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **189, 252, 239**, and **85, 141, 131** is the 20% darker color. If you saturate the color by 10%, you get **116, 195, 180**, and if you desaturate by 10%, it is **155, 195, 187**.

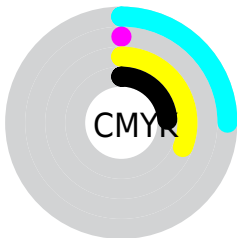
Distribution



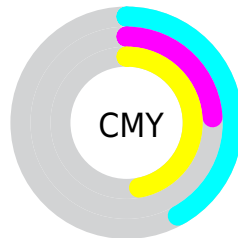
- Red (58%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (72%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 195, 183 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 135, 195, 183 by changing the saturation by 10% instead.

 135, 195, 183

255, 255, 255


 189, 252, 239


 217, 255, 242

 245, 255, 245

 135, 195, 183

 109, 168, 156

 85, 141, 131

 61, 115, 106

 38, 90, 83


 16, 67, 63

 0, 44, 44

 0, 23, 23


 0, 0, 0

 135, 195, 183


 135, 195, 183

 116, 195, 180


 155, 195, 187


 96, 195, 175


 174, 195, 191

 77, 195, 172


 194, 195, 195


 57, 195, 167

 209, 195, 213

 37, 195, 163

 225, 195, 232

 18, 195, 160

 241, 195, 252

 0, 195, 156

 255, 195, 255

Harmonies

Analogous

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



116, 187, 117



135, 195, 183



105, 163, 200

Triad

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



135, 195, 183



110, 161, 248



250, 157, 164

Complementary

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



135, 195, 183



183, 135, 195

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.



240, 158, 198



135, 195, 183



165, 177, 247

Square

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



135, 195, 183



62, 137, 231



211, 167, 229



241, 176, 134

Rectangle

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



135, 195, 183



76, 141, 201



211, 167, 229



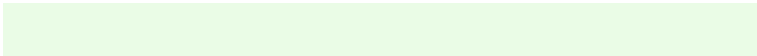
249, 156, 175

Sweetspot

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



135, 195, 183



230, 252, 248



150, 195, 135



113, 128, 125



0, 0, 0



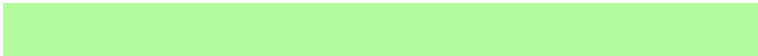
128, 128, 128

Same Dimension

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



135, 195, 183



159, 252, 233



135, 181, 195



87, 97, 95



0, 161, 129



0, 33, 26

Inverse Universe

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



183, 135, 195



234, 159, 252



195, 135, 177



95, 87, 97



129, 0, 161



27, 0, 33

Previews

White Background



This preview shows how the RYB color 135, 195, 183 looks on a white background.

Color Contrast Check

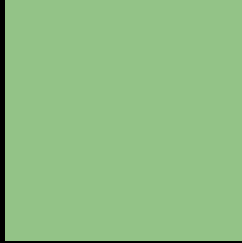
Large Text (above 18pt) WCAG AA × Fail

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 135, 195, 183 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 135, 195, 183 Background



This preview shows how black text looks on a background with the RYB color 135, 195, 183.

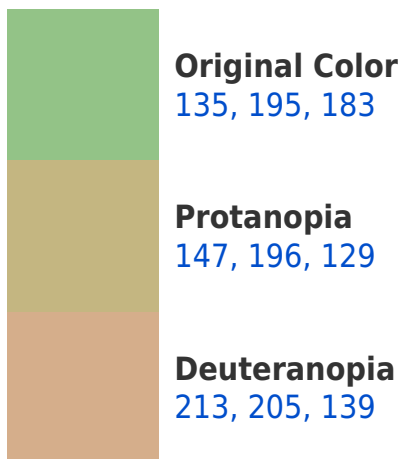


This preview shows how white text looks on a background with the RYB color 135, 195, 183.

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
158, 175, 201

Trichromacy



Original Color
135, 195, 183

Protanomaly
131, 187, 140

Deuteranomaly
146, 189, 138

Tritanomaly
154, 176, 190

Monochromacy



Original Color
135, 195, 183

Achromatopsia
174, 174, 174

Achromatomaly
160, 182, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 195, 183 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 195, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 195, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 195, 183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

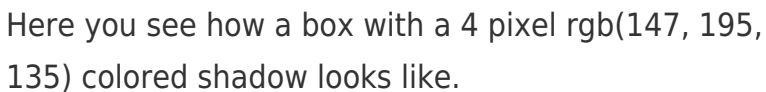
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 195, 135) }
```

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

```
.border{ border-color:rgb(147, 195, 135) }
```

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, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 195, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 195, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 195,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 195, 183 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, 135) }
```

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

```
.background{ background-color: rgb(147,  
195, 135) }
```

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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