

Converting Colors

`RYB(149, 189, 183)`

Have a look what the booklet for RYB(149, 189, 183) contains.

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Color

R_YB(149, 189, 183)

Conversions

Conversions Part 1

Format	Color
Hex	9BBD95
RGB	155, 189, 149
RGB Percent	61%, 74%, 58%
CMY	0.3922, 0.2588, 0.4157
CMYK	0.18, 0.00, 0.21, 0.26
HSL	111°, 23%, 66%
HSV	111°, 21%, 74%
XYZ	37.1400, 45.5337, 35.2652
YIQ	174.2740, -7.4240, -19.6480

Conversions

Conversions Part 2

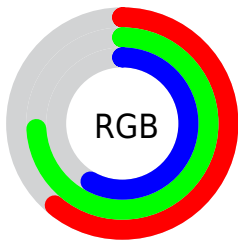
Format	Color
RYB	149, 189, 183
Decimal	10206613
CIELab	73.24, -19.12, 16.52
CIELCh	73, 25.267, 139.180
Yxy	45.5337, 0.3149, 0.3861
Android (android.graphics.Color)	4288396693 (0xFF9BBD95)
YUV	174.2740, -12.4601, -16.9033
Hunter-Lab	67.4786, -19.8419, 16.2494

Details

The RYB color **149, 189, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 149, 189**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **203, 245, 238**, and **98, 136, 131** is the 20% darker color. If you saturate the color by 10%, you get **130, 189, 180**, and if you desaturate by 10%, it is **168, 189, 186**.

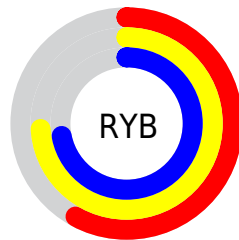
Distribution



Red (61%)

Green (74%)

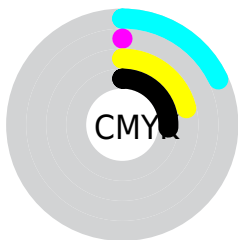
Blue (58%)



Red (58%)

Yellow (74%)

Blue (72%)

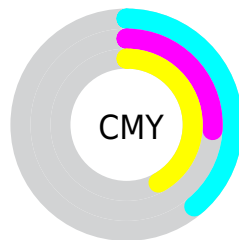


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (26%)



Cyan (39%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 189, 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 149, 189, 183 by changing the saturation by 10% instead.


 149, 189, 183

 149, 189, 183


255, 255, 255

 123, 162, 156

 203, 245, 238

 98, 136, 131

 231, 255, 248

 74, 110, 105

 51, 86, 82

 30, 62, 60

 6, 40, 35

 0, 19, 19


 0, 0, 0

 149, 189, 183


 149, 189, 183


 130, 189, 180


 168, 189, 186

 111, 189, 177


 187, 189, 189

 92, 189, 174


 203, 189, 206


 73, 189, 171


 219, 189, 225

 55, 189, 169


 235, 189, 244

 36, 189, 166

 251, 189, 255

 17, 189, 163

 255, 189, 255

 0, 189, 161

Harmonies

Analogous

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



136, 183, 138



149, 189, 183



130, 168, 192

Triad

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



149, 189, 183



140, 169, 225



227, 164, 166

Complementary

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



149, 189, 183



183, 149, 189

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.



221, 164, 189



149, 189, 183



172, 177, 223

Square

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



149, 189, 183



117, 159, 214



201, 169, 210



221, 177, 146

Rectangle

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



149, 189, 183



118, 157, 193



201, 169, 210



227, 163, 173

Sweetspot

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



149, 189, 183



230, 245, 243



156, 189, 149



114, 122, 121



250, 250, 250



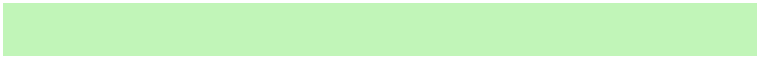
122, 122, 122

Same Dimension

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



149, 189, 183



184, 245, 236



149, 179, 189



85, 94, 93



0, 158, 134



0, 31, 26

Inverse Universe

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



183, 149, 189



236, 184, 245



189, 149, 175



93, 85, 94



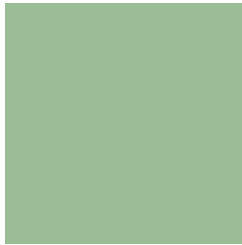
134, 0, 158



26, 0, 31

Previews

White Background



This preview shows how the RYB color 149, 189, 183 looks on a white background.

Color Contrast Check

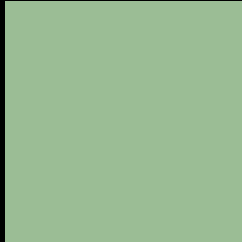
Large Text (above 18pt) WCAG AA × Fail

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 149, 189, 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 149, 189, 183 Background



This preview shows how black text looks on a background with the RYB color 149, 189, 183.

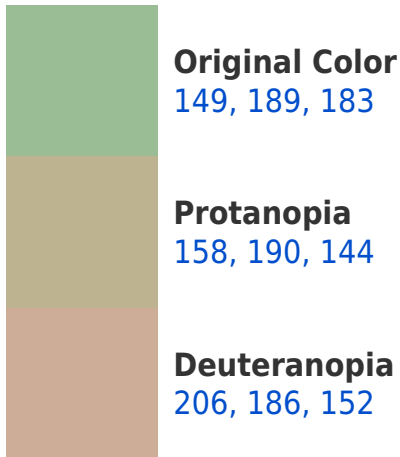


This preview shows how white text looks on a background with the RYB color 149, 189, 183.

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](#).

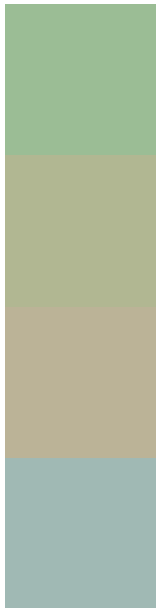
Dichromacy





Tritanopia
163, 175, 197

Trichromacy



Original Color
149, 189, 183

Protanomaly
146, 183, 152

Deuteranomaly
161, 187, 151

Tritanomaly
160, 174, 185

Monochromacy



Original Color
149, 189, 183

Achromatopsia
174, 174, 174

Achromatomaly
165, 179, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 189, 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(155, 189, 149)` looks like.

```
.text, #text, p{  
    color:rgb(155, 189, 149)  
}
```

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(155, 189, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 189, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 189, 183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

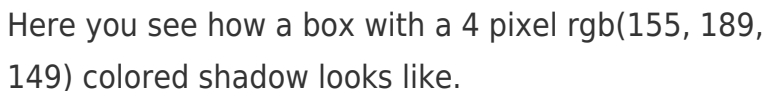
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 189, 149) }
```

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

```
.border{ border-color:rgb(155, 189, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 189, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 189, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 189, 149); box-shadow:4px 4px 4px 4px rgb(155, 189, 149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 189, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 189, 149) }
```

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

```
.background{ background-color: rgb(155,  
189, 149) }
```

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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