

Converting Colors

`RYB(149, 193, 190)`

Have a look what the booklet for
RYB(149, 193, 190) contains.

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Color

RYB(149, 193, 190)

Conversions

Conversions Part 1

Format	Color
Hex	98C195
RGB	152, 193, 149
RGB Percent	60%, 76%, 58%
CMY	0.4039, 0.2431, 0.4157
CMYK	0.21, 0.00, 0.23, 0.24
HSL	116°, 26%, 67%
HSV	116°, 23%, 76%
XYZ	37.4437, 46.9853, 35.5293
YIQ	175.7250, -10.3120, -22.3760

Conversions

Conversions Part 2

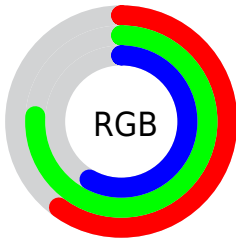
Format	Color
RYB	149, 193, 190
Decimal	10011029
CIELab	74.18, -22.17, 17.79
CIELCh	74, 28.428, 141.254
Yxy	46.9853, 0.3121, 0.3917
Android (android.graphics.Color)	4288201109 (0xFF98C195)
YUV	175.7250, -13.1754, -20.8068
Hunter-Lab	68.5458, -22.4481, 17.2503

Details

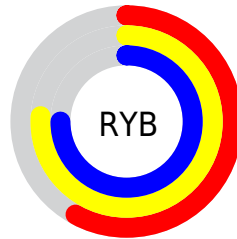
The RYB color **149, 193, 190** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 149, 193**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **203, 250, 246**, and **98, 139, 137** is the 20% darker color. If you saturate the color by 10%, you get **130, 193, 189**, and if you desaturate by 10%, it is **168, 193, 191**.

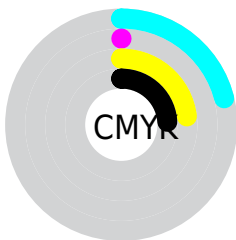
Distribution



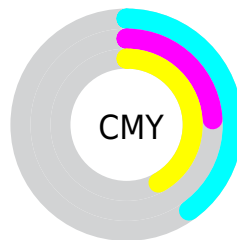
- Red (60%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 193, 190 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, 193, 190 by changing the saturation by 10% instead.

 149, 193, 190


255, 255, 255


 203, 250, 246


 231, 255, 251

 149, 193, 190

 123, 166, 163

 98, 139, 137

 74, 114, 113

 51, 89, 88

 28, 64, 65

 5, 42, 43

 0, 23, 23


 0, 0, 0

 149, 193, 190


 149, 193, 190

 130, 193, 189


 168, 193, 191

 110, 193, 187


 188, 193, 193

 91, 193, 186


 206, 193, 207

 72, 193, 185


 224, 193, 226

 53, 193, 184

 242, 193, 246

 33, 193, 182

 255, 193, 255

 14, 193, 181

 0, 193, 180

Harmonies

Analogous

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



133, 187, 138



149, 193, 190



123, 167, 197

Triad

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



149, 193, 190



139, 171, 233



235, 164, 165

Complementary

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



149, 193, 190



190, 149, 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.



229, 164, 191



149, 193, 190



176, 178, 231

Square

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



149, 193, 190



110, 158, 222



208, 170, 215



228, 183, 143

Rectangle

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



149, 193, 190



109, 154, 197



208, 170, 215



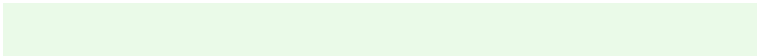
235, 163, 173

Sweetspot

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



149, 193, 190



232, 250, 248



153, 193, 149



115, 125, 124



252, 252, 252



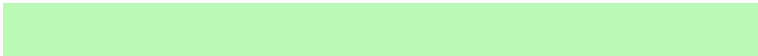
125, 125, 125

Same Dimension

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



149, 193, 190



182, 250, 245



149, 180, 193



87, 97, 96



0, 161, 150



0, 33, 31

Inverse Universe

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



190, 149, 193



245, 182, 250



193, 149, 175



96, 87, 97



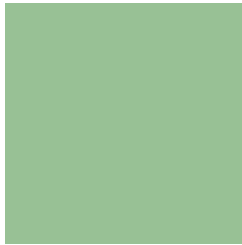
150, 0, 161



31, 0, 33

Previews

White Background



This preview shows how the RYB color 149, 193, 190 looks on a white background.

Color Contrast Check

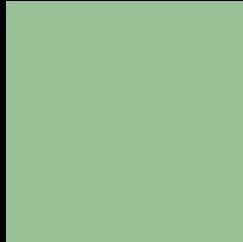
Large Text (above 18pt) WCAG AA × Fail

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, 193, 190 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, 193, 190 Background



This preview shows how black text looks on a background with the RYB color 149, 193, 190.

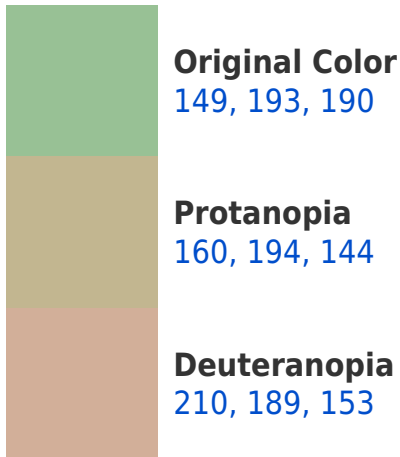


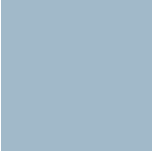
This preview shows how white text looks on a background with the RYB color 149, 193, 190.

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
161, 176, 201

Trichromacy



Original Color
149, 193, 190

Protanomaly
146, 186, 153

Deuteranomaly
161, 189, 152

Tritanomaly
158, 175, 189

Monochromacy



Original Color
149, 193, 190

Achromatopsia
176, 176, 176

Achromatomaly
166, 182, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 193, 190 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(152, 193, 149)` looks like.

```
.text, #text, p{  
    color:rgb(152, 193, 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(152, 193, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 193, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 193, 190 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(152, 193, 149) }
```

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

```
.border{ border-color:rgb(152, 193, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 193, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 193, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 193, 149);  
box-shadow:4px 4px 4px 4px rgb(152, 193,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 193, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 193, 149) }
```

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

```
.background{ background-color: rgb(152,  
193, 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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