

Converting Colors

`RYB(155, 193, 191)`

Have a look what the booklet for
RYB(155, 193, 191) contains.

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Color

R_YB(155, 193, 191)

Conversions

Conversions Part 1

Format	Color
Hex	9DC19B
RGB	157, 193, 155
RGB Percent	62%, 76%, 61%
CMY	0.3843, 0.2431, 0.3922
CMYK	0.19, 0.00, 0.20, 0.24
HSL	117°, 23%, 68%
HSV	117°, 20%, 76%
XYZ	38.8910, 47.6746, 38.1627
YIQ	177.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

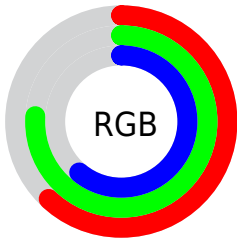
Format	Color
RYB	155, 193, 191
Decimal	10338715
CIELab	74.62, -19.40, 15.23
CIELCh	75, 24.664, 141.871
Yxy	47.6746, 0.3118, 0.3822
Android (android.graphics.Color)	4288528795 (0xFF9DC19B)
YUV	177.9040, -11.2917, -18.3328
Hunter-Lab	69.0468, -20.2908, 15.5627

Details

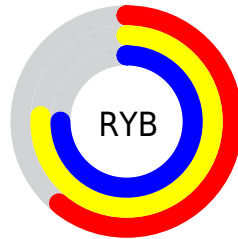
The RYB color **155, 193, 191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191, 155, 193**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **210, 250, 248**, and **104, 139, 138** is the 20% darker color. If you saturate the color by 10%, you get **136, 193, 190**, and if you desaturate by 10%, it is **174, 193, 192**.

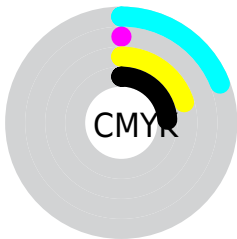
Distribution



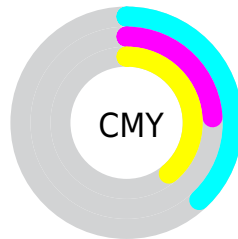
- Red (62%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 193, 191 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 155, 193, 191 by changing the saturation by 10% instead.

 155, 193, 191


255, 255, 255


 210, 250, 248

 238, 255, 253

 155, 193, 191


 129, 166, 164

 104, 139, 138

 80, 114, 114

 56, 89, 88

 34, 65, 66

 11, 40, 43

 0, 25, 25


 0, 0, 0

 155, 193, 191


 155, 193, 191

 136, 193, 190


 174, 193, 192


 116, 193, 189


 194, 193, 194

 97, 193, 188


 212, 193, 213

 78, 193, 187


 230, 193, 232

 58, 193, 185

 248, 193, 251

 39, 193, 185

 255, 193, 255

 20, 193, 184

 1, 193, 183

 0, 193, 183

Harmonies

Analogous

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



141, 187, 145



155, 193, 191



133, 170, 196

Triad

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



155, 193, 191



148, 175, 228



230, 168, 168

Complementary

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



155, 193, 191



191, 155, 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.



225, 168, 191



155, 193, 191



179, 180, 225

Square

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



155, 193, 191



124, 164, 218



207, 172, 212



223, 185, 149

Rectangle

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



155, 193, 191



122, 161, 197



207, 172, 212



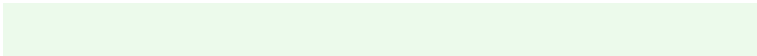
230, 167, 175

Sweetspot

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



155, 193, 191



235, 250, 249



158, 193, 155



116, 125, 124



252, 252, 252



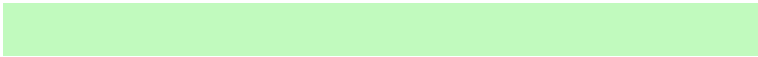
125, 125, 125

Same Dimension

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



155, 193, 191



190, 250, 247



155, 182, 193



87, 97, 96



0, 161, 153



0, 33, 31

Inverse Universe

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



191, 155, 193



247, 190, 250



193, 155, 177



96, 87, 97



152, 0, 161



31, 0, 33

Previews

White Background



This preview shows how the RYB color 155, 193, 191 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 155, 193, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

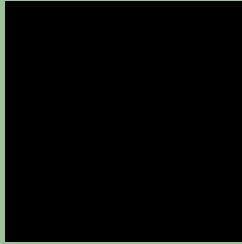
Any Text WCAG AA ✓ Pass

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 155, 193, 191 Background



This preview shows how black text looks on a background with the RYB color 155, 193, 191.

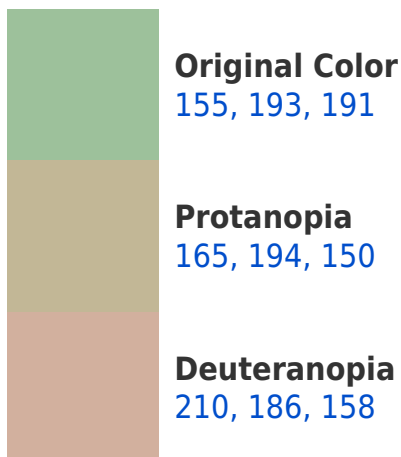


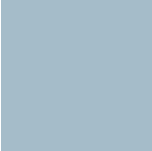
This preview shows how white text looks on a background with the RYB color 155, 193, 191.

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](#).

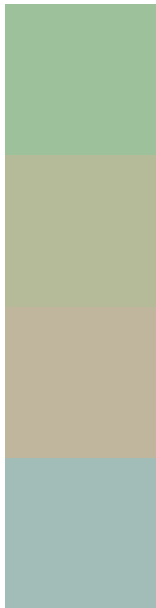
Dichromacy





Tritanopia
165, 179, 201

Trichromacy



Original Color
155, 193, 191

Protanomaly
152, 187, 158

Deuteranomaly
169, 191, 157

Tritanomaly
162, 177, 189

Monochromacy



Original Color
155, 193, 191

Achromatopsia
178, 178, 178

Achromatomaly
170, 183, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 193, 191 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(157, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 193, 155)  
}
```

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(157, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 193, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 193, 191 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(157, 193, 155) }
```

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

```
.border{ border-color:rgb(157, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(157, 193,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 193, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 193, 155) }
```

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

```
.background{ background-color: rgb(157,  
193, 155) }
```

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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