

Converting Colors

RGB(149, 184, 171)

Have a look what the booklet for
RGB(149, 184, 171) contains.

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Color

RGB(149, 184, 171)

Conversions

Conversions Part 1

Format	Color
Hex	95B8AB
RGB	149, 184, 171
RGB Percent	58%, 72%, 67%
CMY	0.4157, 0.2784, 0.3294
CMYK	0.19, 0.00, 0.07, 0.28
HSL	158°, 20%, 65%
HSV	158°, 19%, 72%
XYZ	36.8856, 43.6108, 45.0017
YIQ	172.0530, -16.6870, -11.4630

Conversions

Conversions Part 2

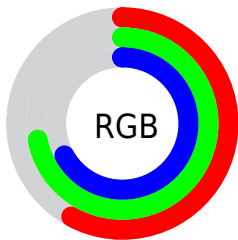
Format	Color
RYB	149, 170, 184
Decimal	9812139
CIELab	71.97, -14.46, 2.69
CIELCh	72, 14.713, 169.461
Yxy	43.6108, 0.2939, 0.3475
Android (android.graphics.Color)	4288002219 (0xFF95B8AB)
YUV	172.0530, -0.5191, -20.2175
Hunter-Lab	66.0385, -15.8667, 5.8239

Details

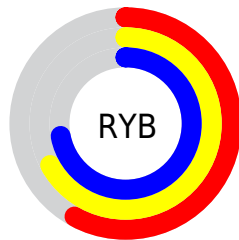
The RGB color **149, 184, 171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184, 149, 162**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **204, 240, 226**, and **98, 131, 119** is the 20% darker color. If you saturate the color by 10%, you get **131, 184, 164**, and if you desaturate by 10%, it is **167, 184, 178**.

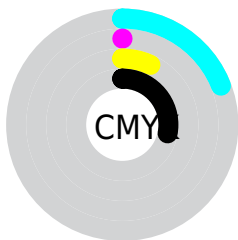
Distribution



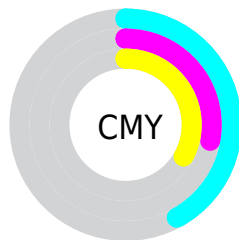
- Red (58%)
- Green (72%)
- Blue (67%)



- Red (58%)
- Yellow (67%)
- Blue (72%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (42%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 184, 171 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 RGB color 149, 184, 171 by changing the saturation by 10% instead.

 149, 184, 171


255, 255, 255


 204, 240, 226

 232, 255, 255

 149, 184, 171

 123, 157, 145

 98, 131, 119

 73, 106, 94

 50, 81, 71

 27, 58, 48


 5, 36, 27


 0, 13, 0


 0, 0, 0


 149, 184, 171


 149, 184, 171

 131, 184, 164


 167, 184, 178

 112, 184, 157


 186, 184, 185


 94, 184, 150


 204, 184, 192

 75, 184, 144


 223, 184, 198

 57, 184, 137

 241, 184, 205

 39, 184, 130

 255, 184, 212

 20, 184, 123

 255, 184, 219

 2, 184, 116

 255, 184, 226

 0, 184, 116

 255, 184, 233

Harmonies

Analogous

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



162, 182, 159



149, 184, 171



142, 184, 185

Triad

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



149, 184, 171



173, 175, 202



202, 170, 157

Complementary

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



149, 184, 171



184, 149, 162

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.



205, 167, 168



149, 184, 171



189, 170, 194

Square

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



149, 184, 171



156, 179, 202



201, 168, 182



192, 174, 150

Rectangle

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



149, 184, 171



142, 183, 193



201, 168, 182



204, 169, 160

Sweetspot

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



149, 184, 171



225, 240, 234



162, 184, 149



111, 120, 117



247, 247, 247



120, 120, 120

Same Dimension

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



149, 184, 171



185, 240, 219



149, 180, 184



83, 92, 88



0, 156, 98



0, 28, 18

Inverse Universe

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



184, 149, 162



240, 185, 205



184, 153, 149



92, 83, 86



156, 0, 58



28, 0, 10

Previews

White Background



This preview shows how the RGB color 149, 184, 171 looks on a white background.

Color Contrast Check

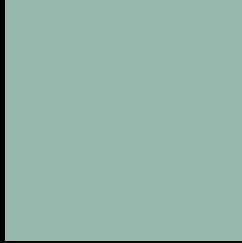
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 149, 184, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

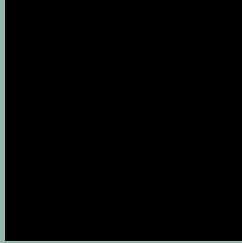
Any Text WCAG AA ✓ Pass

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](#).

RGB 149, 184, 171 Background



This preview shows how black text looks on a background with the RGB color 149, 184, 171.

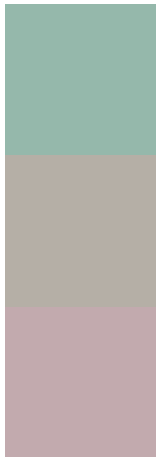


This preview shows how white text looks on a background with the RGB color 149, 184, 171.

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](#).

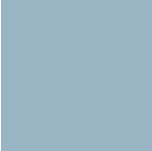
Dichromacy



Original Color
149, 184, 171

Protanopia
181, 175, 166

Deuteranopia
194, 170, 174



Tritanopia
153, 180, 195

Trichromacy



Original Color

149, 184, 171

Protanomaly

169, 178, 168

Deuteranomaly

178, 175, 173

Tritanomaly

152, 181, 186

Monochromacy



Original Color

149, 184, 171

Achromatopsia

172, 172, 172

Achromatomaly

164, 176, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 184, 171 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(149, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 184, 171)  
}
```

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(149, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 184, 171) }
```

Border

The CSS property to change the border of an element to RGB 149, 184, 171 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(149, 184, 171) }
```

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

```
.border{ border-color:rgb(149, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 184,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 149, 184, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 184, 171) }
```

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

```
.background{ background-color: rgb(149,  
184, 171) }
```

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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