

Converting Colors

RGB(149, 175, 170)

Have a look what the booklet for
RGB(149, 175, 170) contains.

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Color

RGB(149, 175, 170)

Conversions

Conversions Part 1

Format	Color
Hex	95AFAA
RGB	149, 175, 170
RGB Percent	58%, 69%, 67%
CMY	0.4157, 0.3137, 0.3333
CMYK	0.15, 0.00, 0.03, 0.31
HSL	168°, 14%, 64%
HSV	168°, 15%, 69%
XYZ	34.9801, 39.9518, 43.8980
YIQ	166.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

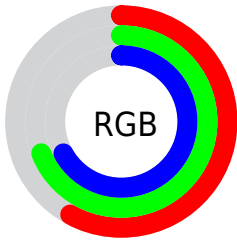
Format	Color
RYB	149, 163, 175
Decimal	9809834
CIELab	69.44, -9.94, -0.45
CIELCh	69, 9.951, 182.575
Yxy	39.9518, 0.2944, 0.3362
Android (android.graphics.Color)	4287999914 (0xFF95AFAA)
YUV	166.6560, 1.6486, -15.4843
Hunter-Lab	63.2074, -11.8280, 3.0678

Details

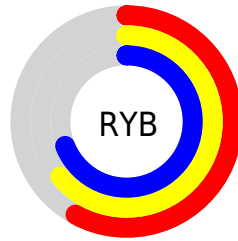
The RGB color **149, 175, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 149, 154**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **203, 231, 225**, and **98, 123, 118** is the 20% darker color. If you saturate the color by 10%, you get **132, 175, 167**, and if you desaturate by 10%, it is **167, 175, 173**.

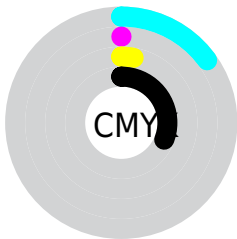
Distribution



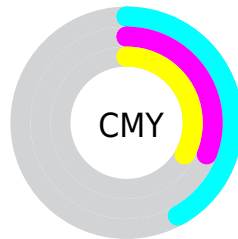
- Red (58%)
- Green (69%)
- Blue (67%)



- Red (58%)
- Yellow (64%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 175, 170 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, 175, 170 by changing the saturation by 10% instead.

 149, 175, 170


255, 255, 255

 203, 231, 225


 232, 255, 254

 149, 175, 170

 123, 148, 144

 98, 123, 118

 74, 98, 93

 51, 74, 70

 29, 51, 47


 7, 30, 27

 0, 0, 0

 149, 175, 170

 132, 175, 167

 149, 175, 170

 167, 175, 173

■ 114, 175, 163

■ 184, 175, 177

■ 97, 175, 160

■ 202, 175, 180

■ 79, 175, 157

■ 219, 175, 183

■ 62, 175, 153

■ 237, 175, 187

■ 44, 175, 150

■ 254, 175, 190

■ 27, 175, 146

■ 255, 175, 194

■ 9, 175, 143

■ 255, 175, 197

■ 0, 175, 141

■ 255, 175, 200

Harmonies

Analogous

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



156, 174, 161



149, 175, 170



147, 175, 179

Triad

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



149, 175, 170



172, 167, 185



185, 166, 154

Complementary

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



149, 175, 170



175, 149, 154

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.



189, 164, 160



149, 175, 170



182, 165, 178

Square

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



149, 175, 170



161, 170, 187



188, 164, 169



176, 169, 152

Rectangle

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



149, 175, 170



150, 173, 184



188, 164, 169



187, 165, 156

Sweetspot

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



149, 175, 170



218, 227, 225



154, 175, 149



109, 115, 114



242, 242, 242



115, 115, 115

Same Dimension

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



149, 175, 170



186, 227, 219



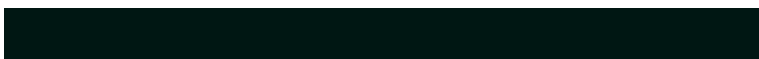
149, 167, 175



78, 87, 85



0, 150, 122



0, 23, 19

Inverse Universe

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



175, 149, 154



227, 186, 194



175, 157, 149



87, 78, 80



150, 0, 29



23, 0, 4

Previews

White Background



This preview shows how the RGB color 149, 175, 170 looks on a white background.

Color Contrast Check

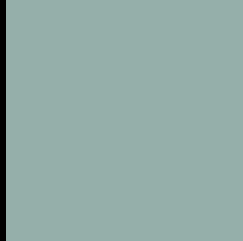
Large Text (above 18pt) WCAG AA × Fail

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, 175, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

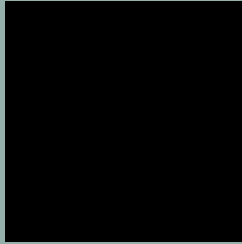
Any Text WCAG AA ✓ Pass

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, 175, 170 Background



This preview shows how black text looks on a background with the RGB color 149, 175, 170.



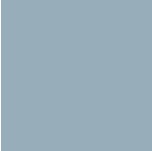
This preview shows how white text looks on a background with the RGB color 149, 175, 170.

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
152, 173, 186

Trichromacy



Original Color

149, 175, 170

Protanomaly

164, 171, 167

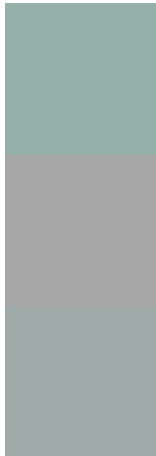
Deuteranomaly

171, 168, 171

Tritanomaly

151, 174, 180

Monochromacy



Original Color

149, 175, 170

Achromatopsia

167, 167, 167

Achromatomaly

160, 170, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 175, 170 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, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(149, 175, 170)  
}
```

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, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 175, 170) }
```

Border

The CSS property to change the border of an element to RGB 149, 175, 170 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, 175, 170) }
```

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

```
.border{ border-color:rgb(149, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(149, 175,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 149, 175, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 175, 170) }
```

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

```
.background{ background-color: rgb(149,  
175, 170) }
```

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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