

Converting Colors

RGB(149, 170, 131)

Have a look what the booklet for
RGB(149, 170, 131) contains.

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Color

RGB(149, 170, 131)

Conversions

Conversions Part 1

Format	Color
Hex	95AA83
RGB	149, 170, 131
RGB Percent	58%, 67%, 51%
CMY	0.4157, 0.3333, 0.4863
CMYK	0.12, 0.00, 0.23, 0.33
HSL	92°, 19%, 59%
HSV	92°, 23%, 67%
XYZ	30.8659, 36.7777, 26.9447
YIQ	159.2750, 0.0030, -16.5810

Conversions

Conversions Part 2

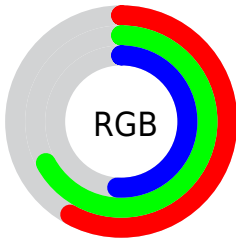
Format	Color
RYB	131, 170, 152
Decimal	9808515
CIELab	67.11, -14.56, 17.73
CIElCh	67, 22.938, 129.388
Yxy	36.7777, 0.3263, 0.3888
Android (android.graphics.Color)	4287998595 (0xFF95AA83)
YUV	159.2750, -13.9396, -9.0112
Hunter-Lab	60.6446, -15.2782, 16.1084

Details

The RGB color **149, 170, 131** is a light color, and the websafe version is hex **999966**. A complement of this color would be **152, 131, 170**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **203, 225, 184**, and **98, 118, 81** is the 20% darker color. If you saturate the color by 10%, you get **140, 170, 114**, and if you desaturate by 10%, it is **158, 170, 148**.

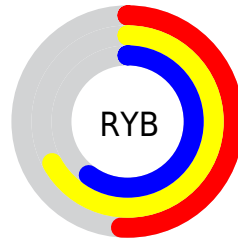
Distribution



Red (58%)

Green (67%)

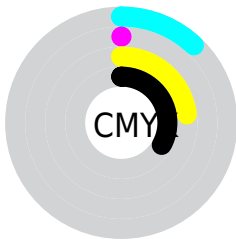
Blue (51%)



Red (51%)

Yellow (67%)

Blue (60%)

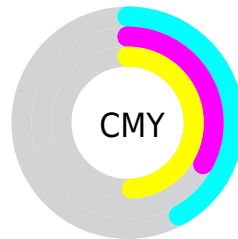


Cyan (12%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 170, 131 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, 170, 131 by changing the saturation by 10% instead.


 149, 170, 131

255, 255, 255

 203, 225, 184

 232, 254, 212


 255, 255, 240

 149, 170, 131

 123, 143, 106

 98, 118, 81

 74, 93, 58

 51, 69, 36

 29, 47, 15

 2, 27, 0


 0, 0, 0

 149, 170, 131

 140, 170, 114

 149, 170, 131


 158, 170, 148

 131, 170, 97


 167, 170, 165

 122, 170, 80

 176, 170, 182

 112, 170, 63

 186, 170, 199

 103, 170, 46


 195, 170, 216

 94, 170, 29


 204, 170, 233

 85, 170, 12

 213, 170, 250

 78, 170, 0

 222, 170, 255

 231, 170, 255

Harmonies

Analogous

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



172, 164, 123



149, 170, 131



126, 174, 148

Triad

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



149, 170, 131



120, 169, 201



205, 148, 157

Complementary

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



149, 170, 131



152, 131, 170

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.



195, 150, 178



149, 170, 131



147, 163, 204

Square

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



149, 170, 131



105, 174, 189



175, 156, 195



203, 151, 138

Rectangle

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



149, 170, 131



113, 175, 162



175, 156, 195



203, 149, 165

Sweetspot

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



149, 170, 131



213, 222, 206



170, 152, 131



107, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



149, 170, 131



188, 222, 160



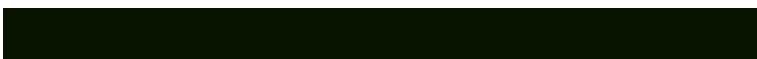
131, 170, 132



80, 84, 76



68, 148, 0



9, 20, 0

Inverse Universe

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



152, 131, 170



193, 160, 222



170, 131, 169



80, 76, 84



80, 0, 148



11, 0, 20

Previews

White Background



This preview shows how the RGB color 149, 170, 131 looks on a white background.

Color Contrast Check

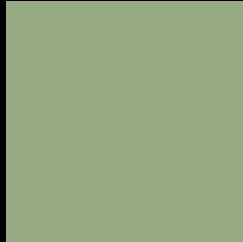
Large Text (above 18pt) WCAG AA × Fail

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, 170, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

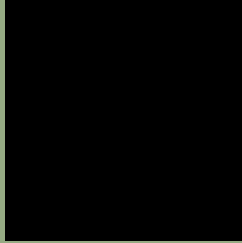
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

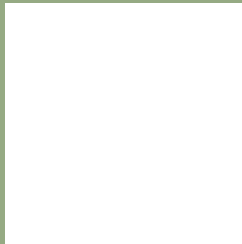
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 149, 170, 131 Background



This preview shows how black text looks on a background with the RGB color 149, 170, 131.



This preview shows how white text looks on a background with the RGB color 149, 170, 131.

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, 170, 131

Protanopia
174, 163, 128

Deuteranopia
189, 157, 134



Tritanopia
156, 164, 177

Trichromacy



Original Color
149, 170, 131

Protanomaly
165, 166, 129

Deuteranomaly
174, 162, 133

Tritanomaly
153, 166, 160

Monochromacy



Original Color
149, 170, 131

Achromatopsia
159, 159, 159

Achromatomaly
155, 163, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 170, 131 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, 170, 131)` looks like.

```
.text, #text, p{  
    color:rgb(149, 170, 131)  
}
```

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, 170, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 170, 131) }
```

Border

The CSS property to change the border of an element to RGB 149, 170, 131 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, 170, 131) }
```

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

```
.border{ border-color:rgb(149, 170, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 170, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 170, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 170, 131);  
box-shadow:4px 4px 4px 4px rgb(149, 170,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 149, 170, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 170, 131) }
```

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

```
.background{ background-color: rgb(149,  
170, 131) }
```

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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