

Converting Colors

RGB(131, 199, 154)

Have a look what the booklet for
RGB(131, 199, 154) contains.

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Color

RGB(131, 199, 154)

Conversions

Conversions Part 1

Format	Color
Hex	83C79A
RGB	131, 199, 154
RGB Percent	51%, 78%, 60%
CMY	0.4863, 0.2196, 0.3961
CMYK	0.34, 0.00, 0.23, 0.22
HSL	140°, 38%, 65%
HSV	140°, 34%, 78%
XYZ	35.6162, 48.0052, 37.9606
YIQ	173.5380, -26.0830, -28.4110

Conversions

Conversions Part 2

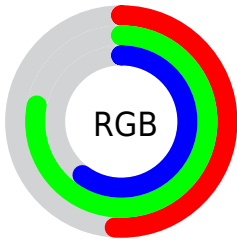
Format	Color
RYB	131, 182, 199
Decimal	8636314
CIELab	74.83, -31.03, 15.84
CIElCh	75, 34.836, 152.959
Yxy	48.0052, 0.2929, 0.3948
Android (android.graphics.Color)	4286826394 (0xFF83C79A)
YUV	173.5380, -9.6322, -37.3058
Hunter-Lab	69.2858, -29.4926, 16.0160

Details

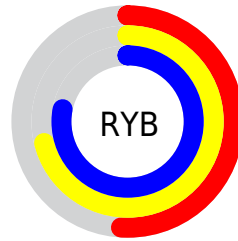
The RGB color **131, 199, 154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 131, 176**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **186, 255, 208**, and **78, 145, 103** is the 20% darker color. If you saturate the color by 10%, you get **111, 199, 141**, and if you desaturate by 10%, it is **151, 199, 167**.

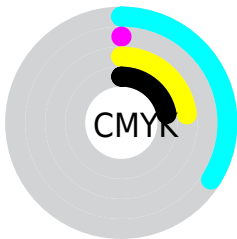
Distribution



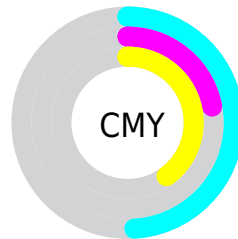
- Red (51%)
- Green (78%)
- Blue (60%)



- Red (51%)
- Yellow (71%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 199, 154 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 131, 199, 154 by changing the saturation by 10% instead.

 131, 199, 154

255, 255, 255


 186, 255, 208

 214, 255, 237

 243, 255, 255

 131, 199, 154

 104, 171, 128

 78, 145, 103

 52, 119, 79

 25, 94, 56

 0, 69, 34


 0, 46, 12


 0, 26, 0


 0, 0, 0


 131, 199, 154


 131, 199, 154


 111, 199, 141


 151, 199, 167


 91, 199, 128


 171, 199, 180


 71, 199, 114


 191, 199, 194


 51, 199, 101


 211, 199, 207

 31, 199, 88

 231, 199, 220

 12, 199, 75

 250, 199, 233

 0, 199, 67

 255, 199, 246

 255, 199, 255

Harmonies

Analogous

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



169, 193, 129



131, 199, 154



94, 202, 186

Triad

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



131, 199, 154



146, 186, 248



246, 163, 151

Complementary

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



131, 199, 154



199, 131, 176

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.



246, 160, 182



131, 199, 154



193, 175, 238

Square

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



131, 199, 154



97, 195, 240



228, 164, 214



230, 172, 128

Rectangle

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



131, 199, 154



76, 201, 208



228, 164, 214



248, 161, 161

Sweetspot

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



131, 199, 154



230, 255, 238



176, 199, 131



112, 128, 117



0, 0, 0



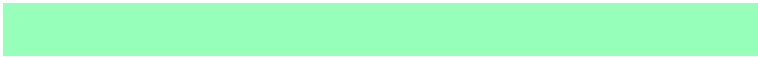
128, 128, 128

Same Dimension

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



131, 199, 154



150, 255, 186



131, 199, 188



90, 99, 93



0, 163, 55



0, 36, 12

Inverse Universe

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



199, 131, 176



255, 150, 220



199, 131, 142



99, 90, 96



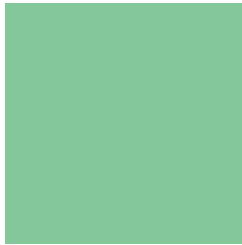
163, 0, 108



36, 0, 24

Previews

White Background



This preview shows how the RGB color 131, 199, 154 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 131, 199, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

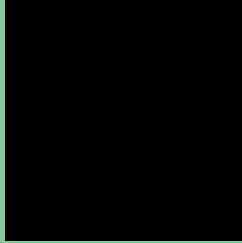
Any Text WCAG AA ✓ Pass

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 131, 199, 154 Background



This preview shows how black text looks on a background with the RGB color 131, 199, 154.



This preview shows how white text looks on a background with the RGB color 131, 199, 154.

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](#).

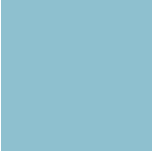
Dichromacy



Original Color
131, 199, 154

Protanopia
195, 183, 146

Deuteranopia
210, 177, 159



Tritanopia
142, 192, 207

Trichromacy



Original Color

131, 199, 154



Protanomaly

172, 189, 149



Deuteranomaly

181, 185, 157



Tritanomaly

138, 195, 188

Monochromacy



Original Color

131, 199, 154



Achromatopsia

174, 174, 174



Achromatomaly

158, 183, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 199, 154 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(131, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(131, 199, 154)  
}
```

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(131, 199, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 199, 154) }
```

Border

The CSS property to change the border of an element to RGB 131, 199, 154 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(131, 199, 154) }
```

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

```
.border{ border-color:rgb(131, 199, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 199, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 199, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 199, 154);  
box-shadow:4px 4px 4px 4px rgb(131, 199,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 131, 199, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 199, 154) }
```

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

```
.background{ background-color: rgb(131,  
199, 154) }
```

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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