

Converting Colors

`RYB(131, 199, 187)`

Have a look what the booklet for
RYB(131, 199, 187) contains.

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Color

R_YB(131, 199, 187)

Conversions

Conversions Part 1

Format	Color
Hex	8FC783
RGB	143, 199, 131
RGB Percent	56%, 78%, 51%
CMY	0.4392, 0.2196, 0.4863
CMYK	0.28, 0.00, 0.34, 0.22
HSL	109°, 38%, 65%
HSV	109°, 34%, 78%
XYZ	35.8479, 48.3252, 28.9110
YIQ	174.5040, -11.5480, -33.0200

Conversions

Conversions Part 2

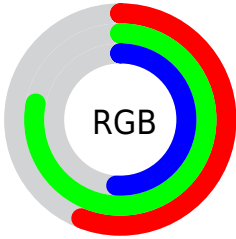
Format	Color
RYB	131, 199, 187
Decimal	9422723
CIELab	75.03, -31.12, 28.40
CIElCh	75, 42.128, 137.613
Yxy	48.3252, 0.3170, 0.4273
Android (android.graphics.Color)	4287612803 (0xFF8FC783)
YUV	174.5040, -21.4475, -27.6290
Hunter-Lab	69.5163, -29.6055, 24.0034

Details

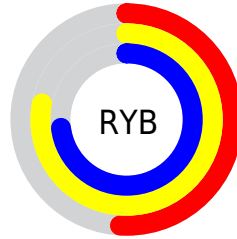
The RYB color **131, 199, 187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 131, 199**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **185, 255, 242**, and **81, 145, 136** is the 20% darker color. If you saturate the color by 10%, you get **111, 199, 183**, and if you desaturate by 10%, it is **151, 199, 191**.

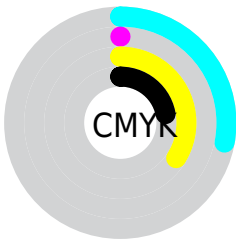
Distribution



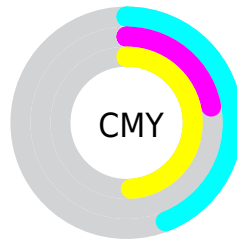
- Red (56%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (73%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 199, 187 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 131, 199, 187 by changing the saturation by 10% instead.

 131, 199, 187

255, 255, 255


 185, 255, 242


 212, 255, 240

 241, 255, 241

 131, 199, 187

 105, 172, 161

 81, 145, 136

 57, 119, 111

 34, 94, 89

 10, 69, 70


 0, 47, 47


 0, 26, 26


 0, 0, 0


 131, 199, 187


 131, 199, 187


 111, 199, 183


 151, 199, 191

 91, 199, 180


 171, 199, 194

 71, 199, 176


 191, 199, 198


 51, 199, 173

 209, 199, 211

 31, 199, 169

 225, 199, 231

 12, 199, 166

 241, 199, 250

 0, 199, 164

 255, 199, 255

Harmonies

Analogous

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



109, 190, 112



131, 199, 187



91, 159, 204

Triad

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



131, 199, 187



96, 156, 255



255, 155, 163

Complementary

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



131, 199, 187



187, 131, 199

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.



250, 156, 202



131, 199, 187



165, 179, 255

Square

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



131, 199, 187



0, 110, 241



217, 166, 237



250, 178, 129

Rectangle

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



131, 199, 187



46, 128, 205



217, 166, 237



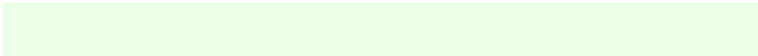
255, 154, 176

Sweetspot

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



131, 199, 187



230, 255, 251



146, 199, 131



112, 128, 125



0, 0, 0



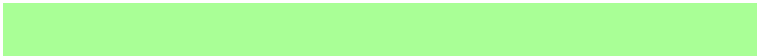
128, 128, 128

Same Dimension

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



131, 199, 187



150, 255, 236



131, 182, 199



90, 99, 98



0, 163, 134



0, 36, 30

Inverse Universe

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



187, 131, 199



237, 150, 255



199, 131, 177



98, 90, 99



134, 0, 163



29, 0, 36

Previews

White Background



This preview shows how the RYB color 131, 199, 187 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 131, 199, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

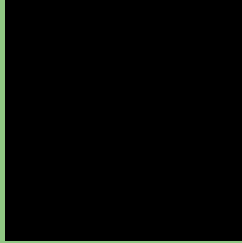
Any Text WCAG AA ✓ Pass

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 131, 199, 187 Background



This preview shows how black text looks on a background with the RYB color 131, 199, 187.



This preview shows how white text looks on a background with the RYB color 131, 199, 187.

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](#).

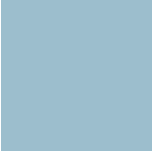
Dichromacy



Original Color
131, 199, 187

Protanopia
144, 199, 125

Deuteranopia
217, 215, 136



Tritanopia
156, 176, 205

Trichromacy



Original Color
131, 199, 187

Protanomaly
127, 189, 137

Deuteranomaly
141, 190, 134

Tritanomaly
151, 177, 193

Monochromacy



Original Color
131, 199, 187

Achromatopsia
175, 175, 175

Achromatomaly
159, 184, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 199, 187 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(143, 199, 131) looks like.

```
.text, #text, p{  
    color:rgb(143, 199, 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(143, 199, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 199, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 199, 187 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(143, 199, 131) }
```

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

```
.border{ border-color:rgb(143, 199, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 199, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 199, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 199, 131);  
box-shadow:4px 4px 4px 4px rgb(143, 199,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 199, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 199, 131) }
```

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

```
.background{ background-color: rgb(143,  
199, 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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