

Converting Colors

`RYB(131, 189, 185)`

Have a look what the booklet for
RYB(131, 189, 185) contains.

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Color

R_YB(131, 189, 185)

Conversions

Conversions Part 1

Format	Color
Hex	87BD83
RGB	135, 189, 131
RGB Percent	53%, 74%, 51%
CMY	0.4706, 0.2588, 0.4863
CMYK	0.29, 0.00, 0.31, 0.26
HSL	116°, 31%, 63%
HSV	116°, 31%, 74%
XYZ	32.2860, 43.1848, 28.1066
YIQ	166.2420, -13.5660, -29.4860

Conversions

Conversions Part 2

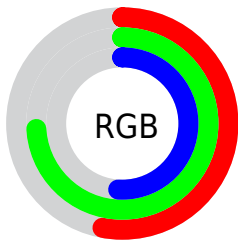
Format	Color
RYB	131, 189, 185
Decimal	8895875
CIELab	71.68, -29.06, 23.83
CIELCh	72, 37.583, 140.652
Yxy	43.1848, 0.3117, 0.4169
Android (android.graphics.Color)	4287085955 (0xFF87BD83)
YUV	166.2420, -17.3743, -27.3992
Hunter-Lab	65.7151, -27.3040, 20.6421

Details

The RYB color **131, 189, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 131, 189**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **184, 246, 240**, and **81, 135, 133** is the 20% darker color. If you saturate the color by 10%, you get **112, 189, 184**, and if you desaturate by 10%, it is **150, 189, 186**.

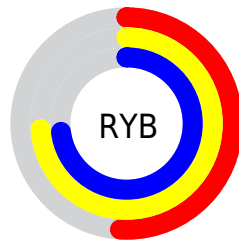
Distribution



Red (53%)

Green (74%)

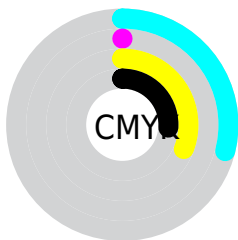
Blue (51%)



Red (51%)

Yellow (74%)

Blue (73%)

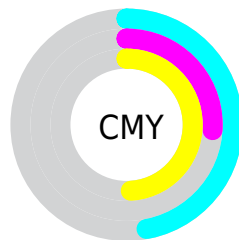


Cyan (29%)

Magenta (0%)

Yellow (31%)

Black (26%)



Cyan (47%)


Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 189, 185 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, 189, 185 by changing the saturation by 10% instead.


 131, 189, 185

255, 255, 255


 184, 246, 240


 212, 255, 249

 241, 255, 249

 131, 189, 185

 106, 162, 159

 81, 135, 133

 58, 110, 110


 33, 83, 85


 3, 52, 61


 0, 39, 39

 0, 11, 11


 0, 0, 0

 131, 189, 185


 131, 189, 185

 112, 189, 184

 150, 189, 186

 93, 189, 182


 169, 189, 188

 74, 189, 181

 188, 189, 189


 55, 189, 179

 205, 189, 207

 36, 189, 178

 223, 189, 226

 18, 189, 178

 241, 189, 244

 0, 189, 176

 255, 189, 255

Harmonies

Analogous

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



110, 181, 117



131, 189, 185



91, 151, 193

Triad

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



131, 189, 185



108, 156, 243



243, 150, 153

Complementary

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



131, 189, 185



185, 131, 189

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.



235, 150, 188



131, 189, 185



164, 170, 240

Square

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



131, 189, 185



51, 129, 228



208, 158, 219



232, 174, 124

Rectangle

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



131, 189, 185



60, 129, 194



208, 158, 219



242, 149, 164

Sweetspot

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



131, 189, 185



223, 245, 244



136, 189, 131



109, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



131, 189, 185



154, 245, 239



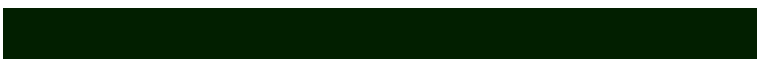
131, 172, 189



85, 94, 93



0, 158, 147



0, 31, 29

Inverse Universe

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



185, 131, 189



239, 154, 245



189, 131, 165



94, 85, 94



147, 0, 158



28, 0, 31

Previews

White Background



This preview shows how the RYB color 131, 189, 185 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, 189, 185 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, 189, 185 Background



This preview shows how black text looks on a background with the RYB color 131, 189, 185.

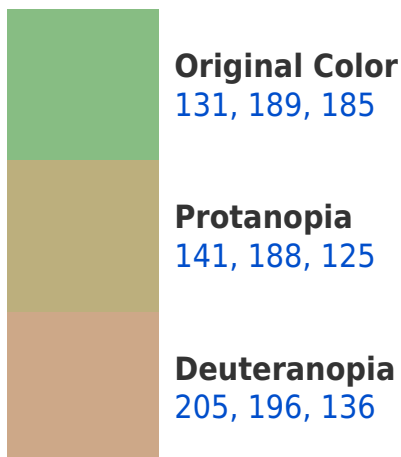


This preview shows how white text looks on a background with the RYB color 131, 189, 185.

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
146, 166, 195

Trichromacy



Original Color
131, 189, 185

Protanomaly
127, 180, 138

Deuteranomaly
138, 180, 134

Tritanomaly
142, 167, 184

Monochromacy



Original Color
131, 189, 185

Achromatopsia
166, 166, 166

Achromatomaly
153, 174, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 189, 185 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(135, 189, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 189, 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(135, 189, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 189, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 189, 185 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(135, 189, 131) }
```

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

```
.border{ border-color:rgb(135, 189, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 189, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 189, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 189, 131); box-shadow:4px 4px 4px 4px rgb(135, 189, 131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 189, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 189, 131) }
```

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

```
.background{ background-color: rgb(135,  
189, 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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