

Converting Colors

`RYB(131, 175, 143)`

Have a look what the booklet for
RYB(131, 175, 143) contains.

RYB(131, 175, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(131, 175, 143)

Conversions

Conversions Part 1

Format	Color
Hex	A3AF83
RGB	163, 175, 131
RGB Percent	64%, 69%, 51%
CMY	0.3608, 0.3137, 0.4863
CMYK	0.07, 0.00, 0.25, 0.31
HSL	76°, 22%, 60%
HSV	76°, 25%, 69%
XYZ	34.5310, 40.0852, 27.3900
YIQ	166.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

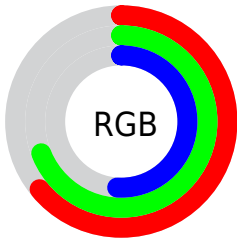
Format	Color
RYB	131, 175, 143
Decimal	10727299
CIELab	69.53, -11.89, 21.21
CIELCh	70, 24.318, 119.271
Yxy	40.0852, 0.3385, 0.3930
Android (android.graphics.Color)	4288917379 (0xFFA3AF83)
YUV	166.3960, -17.4502, -2.9783
Hunter-Lab	63.3128, -13.4432, 18.6694

Details

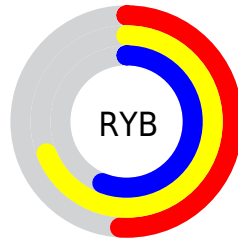
The RYB color **131, 175, 143** is a light color, and the websafe version is hex **999966**. A complement of this color would be **143, 131, 175**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **184, 231, 197**, and **81, 123, 93** is the 20% darker color. If you saturate the color by 10%, you get **113, 175, 130**, and if you desaturate by 10%, it is **148, 175, 155**.

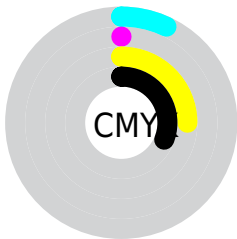
Distribution



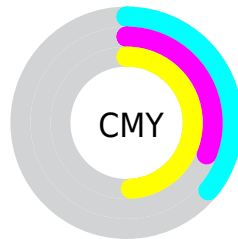
- Red (64%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)




- Cyan (36%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 175, 143 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, 175, 143 by changing the saturation by 10% instead.


 131, 175, 143


255, 255, 255


 184, 231, 197

 212, 255, 220

 240, 255, 240

 131, 175, 143

 106, 148, 117

 81, 123, 93


 58, 98, 70

 36, 74, 48


 14, 51, 25

 0, 30, 11

 0, 0, 0

 131, 175, 143

 113, 175, 130

 131, 175, 143

 148, 175, 155

■ 96, 175, 118

■ 166, 175, 168

■ 78, 175, 104

■ 177, 175, 184

■ 61, 175, 92

■ 182, 175, 201

■ 43, 175, 79

■ 187, 175, 219

■ 26, 175, 67

■ 192, 175, 236

■ 8, 175, 53

■ 196, 175, 253

■ 0, 175, 48

■ 201, 175, 255

■ 206, 175, 255

Harmonies

Analogous

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



154, 187, 126



131, 175, 143



138, 173, 180

Triad

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



131, 175, 143



116, 153, 207



212, 154, 171

Complementary

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



131, 175, 143



143, 131, 175

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.



198, 157, 193



131, 175, 143



142, 163, 213

Square

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



131, 175, 143



106, 146, 191



173, 164, 208



214, 156, 149

Rectangle

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



131, 175, 143



122, 158, 182



173, 164, 208



209, 155, 179

Sweetspot

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



131, 175, 143



209, 227, 214



175, 148, 131



103, 115, 106



242, 242, 242



115, 115, 115

Same Dimension

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



131, 175, 143



159, 227, 178



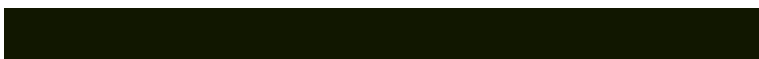
131, 175, 165



78, 87, 81



0, 150, 41



0, 23, 6

Inverse Universe

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



143, 131, 175



177, 159, 227



165, 131, 175



80, 78, 87



41, 0, 150



6, 0, 23

Previews

White Background



This preview shows how the RYB color 131, 175, 143 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, 175, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

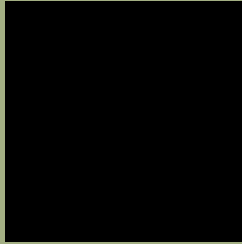
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

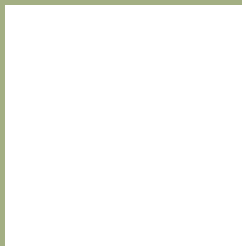
Any Text WCAG AAA ✓ Pass

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

RYB 131, 175, 143 Background



This preview shows how black text looks on a background with the RYB color 131, 175, 143.



This preview shows how white text looks on a background with the RYB color 131, 175, 143.

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, 175, 143

Protanopia
144, 181, 128

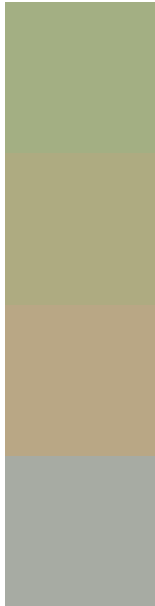
Deuteranopia
198, 187, 134



Tritanopia

170, 168, 182

Trichromacy



Original Color

131, 175, 143

Protanomaly

132, 174, 129

Deuteranomaly

161, 185, 133

Tritanomaly

163, 171, 167

Monochromacy



Original Color

131, 175, 143

Achromatopsia

166, 166, 166

Achromatomaly

153, 169, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 175, 143 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(163, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(163, 175, 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(163, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 175, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 175, 143 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(163, 175, 131) }
```

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

```
.border{ border-color:rgb(163, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(163, 175,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 175, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 175, 131) }
```

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

```
.background{ background-color: rgb(163,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor