

Converting Colors

`RYB(123, 156, 131)`

Have a look what the booklet for
RYB(123, 156, 131) contains.

RYB(123, 156, 131)	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(123, 156, 131)

Conversions

Conversions Part 1

Format	Color
Hex	949C7B
RGB	148, 156, 123
RGB Percent	58%, 61%, 48%
CMY	0.4196, 0.3882, 0.5176
CMYK	0.05, 0.00, 0.21, 0.39
HSL	75°, 14%, 55%
HSV	75°, 21%, 61%
XYZ	27.6764, 31.5029, 23.3609
YIQ	149.8460, 5.8250, -11.9590

Conversions

Conversions Part 2

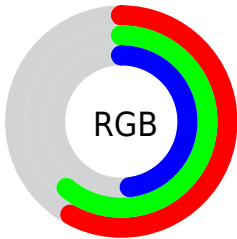
Format	Color
RYB	123, 156, 131
Decimal	9739387
CIELab	62.93, -8.81, 16.36
CIElCh	63, 18.577, 118.308
Yxy	31.5029, 0.3353, 0.3817
Android (android.graphics.Color)	4287929467 (0xFF949C7B)
YUV	149.8460, -13.2351, -1.6189
Hunter-Lab	56.1274, -10.2049, 14.6121

Details

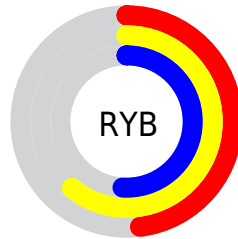
The RYB color **123, 156, 131** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **131, 123, 156**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **176, 210, 184**, and **74, 105, 82** is the 20% darker color. If you saturate the color by 10%, you get **107, 156, 119**, and if you desaturate by 10%, it is **139, 156, 143**.

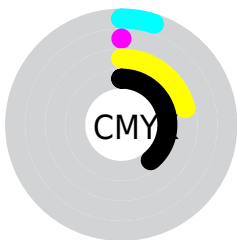
Distribution



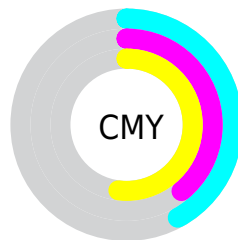
- Red (58%)
- Green (61%)
- Blue (48%)



- Red (48%)
- Yellow (61%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 156, 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 RYB color 123, 156, 131 by changing the saturation by 10% instead.


 123, 156, 131


255, 255, 255


 176, 210, 184


 203, 239, 212

 231, 255, 231

 123, 156, 131


 98, 130, 106

 74, 105, 82

 51, 81, 59


 30, 58, 38


 6, 36, 13


 0, 16, 16

 0, 0, 0

 123, 156, 131

 107, 156, 119

 123, 156, 131

 139, 156, 143

■ 92, 156, 108

■ 154, 156, 154

■ 76, 156, 95

■ 159, 156, 170

■ 61, 156, 84

■ 163, 156, 185

■ 45, 156, 72

■ 167, 156, 201

■ 29, 156, 60

■ 171, 156, 217

■ 14, 156, 48

■ 174, 156, 232

■ 0, 156, 38

■ 178, 156, 248

■ 182, 156, 255

Harmonies

Analogous

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



141, 166, 119



123, 156, 131



129, 156, 160

Triad

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



123, 156, 131



114, 141, 180



184, 141, 154

Complementary

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



123, 156, 131



131, 123, 156

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.



173, 143, 170



123, 156, 131



132, 148, 185

Square

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



123, 156, 131



107, 135, 167



154, 148, 181



186, 143, 137

Rectangle

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



123, 156, 131



118, 144, 161



154, 148, 181



181, 141, 159

Sweetspot

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



123, 156, 131



192, 204, 195



156, 134, 123



95, 102, 97



230, 230, 230



102, 102, 102

Same Dimension

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



123, 156, 131



153, 204, 165



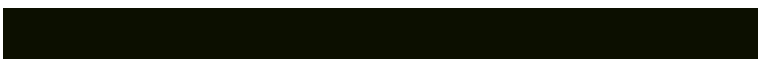
123, 156, 147



71, 79, 73



0, 143, 35



0, 15, 3

Inverse Universe

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



131, 123, 156



165, 153, 204



147, 123, 156



73, 71, 79



35, 0, 143



4, 0, 15

Previews

White Background



This preview shows how the RYB color 123, 156, 131 looks on a white background.

Color Contrast Check

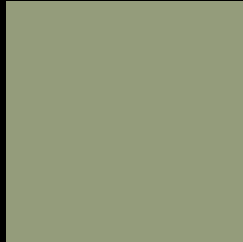
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 123, 156, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

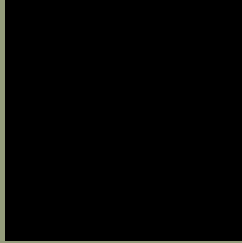
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

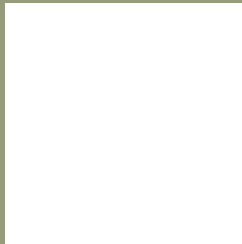
Any Text WCAG AAA ✓ Pass

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

RYB 123, 156, 131 Background



This preview shows how black text looks on a background with the RYB color 123, 156, 131.



This preview shows how white text looks on a background with the RYB color 123, 156, 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
123, 156, 131

Protanopia
134, 162, 121

Deuteranopia
176, 161, 125



Tritanopia
154, 151, 163

Trichromacy



Original Color
123, 156, 131

Protanomaly
127, 157, 122

Deuteranomaly
150, 166, 124

Tritanomaly
148, 153, 149

Monochromacy



Original Color
123, 156, 131

Achromatopsia
150, 150, 150

Achromatomaly
140, 152, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 156, 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(148, 156, 123) looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 123)  
}
```

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(148, 156, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 156, 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(148, 156, 123) }
```

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

```
.border{ border-color:rgb(148, 156, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 156, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 156, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 156,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 156, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 123) }
```

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

```
.background{ background-color: rgb(148,  
156, 123) }
```

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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