

Converting Colors

`RYB(160, 171, 123)`

Have a look what the booklet for
RYB(160, 171, 123) contains.

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Color

RYB(160, 171, 123)

Conversions

Conversions Part 1

Format	Color
Hex	AB967B
RGB	171, 150, 123
RGB Percent	67%, 59%, 48%
CMY	0.3294, 0.4113, 0.5176
CMYK	0.00, 0.12, 0.28, 0.33
HSL	34°, 22%, 58%
HSV	34°, 28%, 67%
XYZ	31.2930, 31.9345, 23.2535
YIQ	153.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

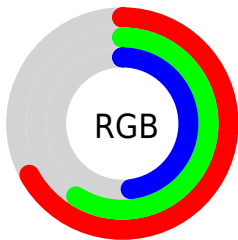
Format	Color
RYB	160, 171, 123
Decimal	11245179
CIELab	63.29, 3.49, 17.16
CIElCh	63, 17.509, 78.493
Yxy	31.9345, 0.3618, 0.3693
Android (android.graphics.Color)	4289435259 (0xFFAB967B)
YUV	153.2010, -14.8891, 15.6097
Hunter-Lab	56.5106, -0.0484, 15.1602

Details

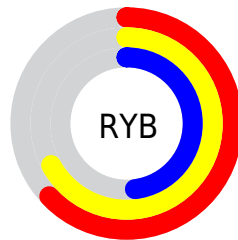
The RYB color **160, 171, 123** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **123, 138, 171**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **218, 227, 176**, and **107, 118, 74** is the 20% darker color. If you saturate the color by 10%, you get **155, 171, 106**, and if you desaturate by 10%, it is **162, 171, 140**.

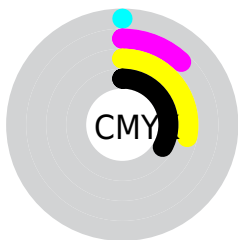
Distribution



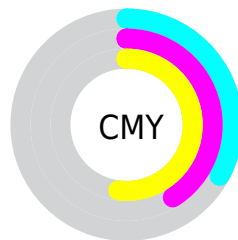
- Red (67%)
- Green (59%)
- Blue (48%)



- Red (63%)
- Yellow (67%)
- Blue (48%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (33%)




- Cyan (33%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 171, 123 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 160, 171, 123 by changing the saturation by 10% instead.


 160, 171, 123

255, 255, 255

 218, 227, 176

 244, 255, 203

 231, 255, 231

 160, 171, 123

 133, 144, 98

 107, 118, 74

 80, 93, 51

 57, 69, 30


 28, 46, 6


 23, 15, 0

 0, 0, 0

 160, 171, 123

 155, 171, 106

 160, 171, 123

 162, 171, 140

■ 153, 171, 89

■ 168, 171, 157

■ 148, 171, 72

■ 171, 172, 174

■ 146, 171, 55

■ 171, 177, 191

■ 141, 171, 38

■ 171, 182, 208

■ 137, 171, 20

■ 171, 188, 226

■ 132, 171, 3

■ 171, 193, 243

■ 130, 171, 0

■ 171, 198, 255

■ 171, 201, 255

Harmonies

Analogous

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



182, 150, 131



160, 171, 123



124, 155, 124

Triad

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



160, 171, 123



112, 137, 162



167, 146, 174

Complementary

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



160, 171, 123



123, 138, 171

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.



148, 151, 183



160, 171, 123



114, 140, 176

Square

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



160, 171, 123



121, 146, 162



128, 147, 183



181, 143, 160

Rectangle

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



160, 171, 123



129, 158, 144



128, 147, 183



162, 148, 178

Sweetspot

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



160, 171, 123



218, 222, 204



171, 123, 145



110, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



160, 171, 123



204, 222, 146



123, 171, 125



85, 87, 78



115, 150, 0



18, 23, 0

Inverse Universe

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



123, 138, 171



146, 169, 222



125, 123, 171



78, 81, 87



0, 45, 150



0, 7, 23

Previews

White Background



This preview shows how the RYB color 160, 171, 123 looks on a white background.

Color Contrast Check

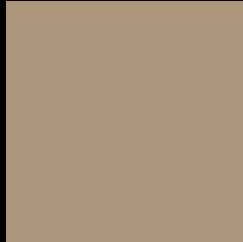
Large Text (above 18pt) WCAG AA × Fail

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 160, 171, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

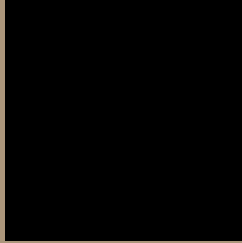
Any Text WCAG AA ✓ Pass

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 160, 171, 123 Background



This preview shows how black text looks on a background with the RYB color 160, 171, 123.



This preview shows how white text looks on a background with the RYB color 160, 171, 123.

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
160, 171, 123

Protanopia
136, 162, 124

Deuteranopia
178, 164, 124



Tritanopia
175, 145, 157

Trichromacy



Original Color

160, 171, 123

Protanomaly

143, 165, 124

Deuteranomaly

175, 169, 124

Tritanomaly

174, 147, 145

Monochromacy



Original Color

160, 171, 123

Achromatopsia

153, 153, 153

Achromatomaly

156, 160, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 171, 123 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(171, 150, 123)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 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(171, 150, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 123) }
```

Border

The CSS property to change the border of an element to RYB 160, 171, 123 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(171, 150, 123) }
```

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

```
.border{ border-color:rgb(171, 150, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 123);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 160, 171, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 123) }
```

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

```
.background{ background-color: rgb(171,  
150, 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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