

Converting Colors

`RYB(123, 134, 103)`

Have a look what the booklet for
RYB(123, 134, 103) contains.

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Color

R_YB(123, 134, 103)

Conversions

Conversions Part 1

Format	Color
Hex	867A67
RGB	134, 122, 103
RGB Percent	53%, 48%, 40%
CMY	0.4745, 0.5222, 0.5961
CMYK	0.00, 0.09, 0.23, 0.47
HSL	36°, 13%, 46%
HSV	36°, 23%, 53%
XYZ	19.2200, 19.9282, 15.6655
YIQ	123.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

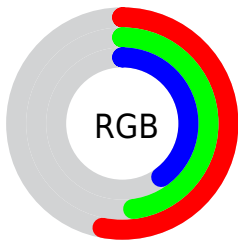
Format	Color
RYB	123, 134, 103
Decimal	8813159
CIELab	51.76, 1.43, 12.02
CIElCh	52, 12.106, 83.234
Yxy	19.9282, 0.3506, 0.3636
Android (android.graphics.Color)	4287003239 (0xFF867A67)
YUV	123.4220, -10.0680, 9.2769
Hunter-Lab	44.6410, -1.2693, 10.4426

Details

The RYB color **123, 134, 103** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103, 112, 134**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **175, 187, 154**, and **74, 84, 56** is the 20% darker color. If you saturate the color by 10%, you get **118, 134, 90**, and if you desaturate by 10%, it is **127, 134, 116**.

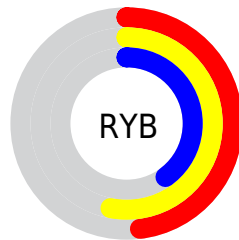
Distribution



Red (53%)

Green (48%)

Blue (40%)



Red (48%)

Yellow (53%)

Blue (40%)

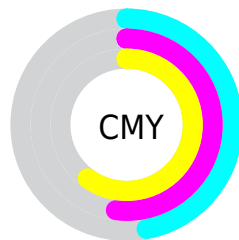


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RYB color 123, 134, 103 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, 134, 103 by changing the saturation by 10% instead.

 123, 134, 103

255, 255, 255

 175, 187, 154

 202, 215, 181

 231, 244, 208


 237, 255, 237

 123, 134, 103

 118, 134, 90

 114, 134, 76

 123, 134, 103

 99, 109, 79

 74, 84, 56


 48, 60, 34


 25, 38, 13

 13, 8, 0

 0, 0, 0

 123, 134, 103

 127, 134, 116

 134, 134, 130

■ 109, 134, 63

■ 134, 137, 143

■ 103, 134, 49

■ 134, 140, 157

■ 98, 134, 36

■ 134, 144, 170

■ 96, 134, 23

■ 134, 148, 183

■ 90, 134, 9

■ 134, 152, 197

■ 88, 134, 0

■ 134, 156, 210

■ 134, 159, 224

Harmonies

Analogous

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



142, 125, 107



123, 134, 103



104, 125, 106

Triad

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



123, 134, 103



96, 113, 131



135, 118, 136

Complementary

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



123, 134, 103



103, 112, 134

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.



122, 122, 142



123, 134, 103



99, 116, 140

Square

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



123, 134, 103



101, 117, 129



109, 120, 144



143, 116, 126

Rectangle

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



123, 134, 103



108, 127, 120



109, 120, 144



131, 119, 138

Sweetspot

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



123, 134, 103



167, 173, 161



134, 103, 115



85, 87, 80



214, 214, 214



87, 87, 87

Same Dimension

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



123, 134, 103



156, 173, 125



103, 134, 106



63, 66, 60



84, 130, 0



2, 3, 0

Inverse Universe

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



103, 112, 134



125, 139, 173



106, 103, 134



60, 62, 66



0, 37, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 123, 134, 103 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 134, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

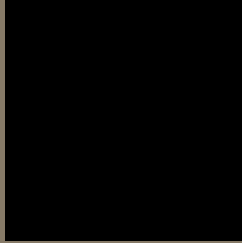
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 123, 134, 103 Background



This preview shows how black text looks on a background with the RYB color 123, 134, 103.



This preview shows how white text looks on a background with the RYB color 123, 134, 103.

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, 134, 103

Protanopia

114, 130, 104

Deuteranopia

142, 129, 104



Tritanopia
137, 118, 128

Trichromacy



Original Color

123, 134, 103

Protanomaly

115, 131, 104

Deuteranomaly

139, 133, 104

Tritanomaly

136, 119, 119

Monochromacy



Original Color

123, 134, 103

Achromatopsia

123, 123, 123

Achromatomaly

122, 127, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 134, 103 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(134, 122, 103) looks like.

```
.text, #text, p{  
    color:rgb(134, 122, 103)  
}
```

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(134, 122, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 122, 103) }
```

Border

The CSS property to change the border of an element to RYB 123, 134, 103 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(134, 122, 103) }
```

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

```
.border{ border-color:rgb(134, 122, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 122, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 122, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 122, 103);  
box-shadow:4px 4px 4px 4px rgb(134, 122,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 123, 134, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 122, 103) }
```

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

```
.background{ background-color: rgb(134,  
122, 103) }
```

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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