

Converting Colors

`RYB(116, 132, 103)`

Have a look what the booklet for
RYB(116, 132, 103) contains.

RYB(116, 132, 103)	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(116, 132, 103)

Conversions

Conversions Part 1

Format	Color
Hex	847B67
RGB	132, 123, 103
RGB Percent	52%, 48%, 40%
CMY	0.4824, 0.5176, 0.5961
CMYK	0.00, 0.07, 0.22, 0.48
HSL	41°, 12%, 46%
HSV	41°, 22%, 52%
XYZ	19.0498, 20.0566, 15.6992
YIQ	123.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

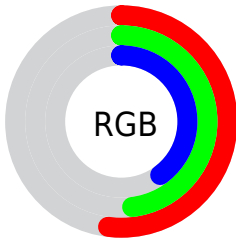
Format	Color
R_{YB}	116, 132, 103
Decimal	8682343
CIE Lab	51.90, -0.07, 12.20
CIE LCh	52, 12.197, 90.323
Yxy	20.0566, 0.3476, 0.3660
Android (android.graphics.Color)	4286872423 (0xFF847B67)
YUV	123.4110, -10.0626, 7.5326
Hunter-Lab	44.7846, -2.4455, 10.5651

Details

The RYB color **116, 132, 103** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103, 110, 132**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **169, 185, 154**, and **68, 82, 56** is the 20% darker color. If you saturate the color by 10%, you get **109, 132, 90**, and if you desaturate by 10%, it is **123, 132, 116**.

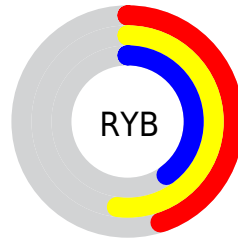
Distribution



Red (52%)

Green (48%)

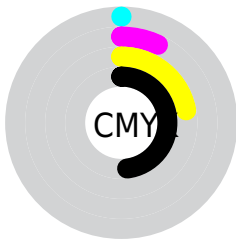
Blue (40%)



Red (45%)

Yellow (52%)

Blue (40%)

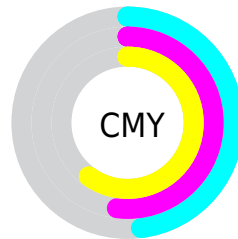


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 116, 132, 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 116, 132, 103 by changing the saturation by 10% instead.

■ 116, 132, 103

255, 255, 255

■ 169, 185, 154

■ 196, 213, 181

■ 226, 242, 209

■ 237, 255, 237

■ 116, 132, 103

■ 109, 132, 90

■ 102, 132, 77

■ 116, 132, 103

■ 92, 107, 79

■ 68, 82, 56

■ 44, 59, 34

■ 21, 37, 13

■ 6, 11, 0

■ 0, 0, 0

■ 116, 132, 103

■ 123, 132, 116

■ 131, 132, 129

■ 93, 132, 63

■ 132, 134, 143

■ 86, 132, 50

■ 132, 137, 156

■ 79, 132, 37

■ 132, 140, 169

■ 72, 132, 24

■ 132, 144, 182

■ 66, 132, 11

■ 132, 147, 195

■ 59, 132, 0

■ 132, 150, 209

■ 132, 153, 222

Harmonies

Analogous

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



141, 129, 106



116, 132, 103



106, 126, 112

Triad

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



116, 132, 103



96, 114, 134



138, 118, 134

Complementary

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



116, 132, 103



103, 110, 132

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.



126, 121, 142



116, 132, 103



101, 117, 141

Square

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



116, 132, 103



100, 117, 130



112, 121, 144



145, 117, 124

Rectangle

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



116, 132, 103



110, 128, 126



112, 121, 144



134, 119, 137

Sweetspot

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



116, 132, 103



165, 171, 159



132, 103, 112



83, 87, 80



214, 214, 214



87, 87, 87

Same Dimension

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



116, 132, 103



146, 171, 126



103, 132, 108



63, 66, 60



58, 130, 0



2, 3, 0

Inverse Universe

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



103, 110, 132



126, 137, 171



108, 103, 132



60, 62, 66



0, 31, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 116, 132, 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 116, 132, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

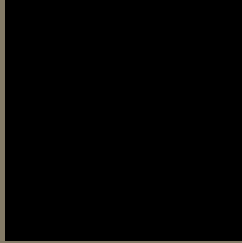
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

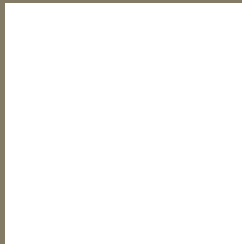
Any Text WCAG AAA × Fail

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

RYB 116, 132, 103 Background



This preview shows how black text looks on a background with the RYB color 116, 132, 103.



This preview shows how white text looks on a background with the RYB color 116, 132, 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


[116](#), [132](#), [103](#)

Protanopia

[114](#), [131](#), [103](#)

Deuteranopia

[143](#), [128](#), [104](#)



Tritanopia
135, 119, 129

Trichromacy



Original Color

116, 132, 103

Protanomaly

114, 131, 103

Deuteranomaly

139, 133, 104

Tritanomaly

134, 120, 120

Monochromacy



Original Color

116, 132, 103

Achromatopsia

123, 123, 123

Achromatomaly

120, 126, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 116, 132, 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(132, 123, 103) looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 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(132, 123, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 103) }
```

Border

The CSS property to change the border of an element to RYB 116, 132, 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(132, 123, 103) }
```

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

```
.border{ border-color:rgb(132, 123, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 103);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 116, 132, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 103) }
```

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

```
.background{ background-color: rgb(132,  
123, 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](#).

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