

Converting Colors

`RYB(132, 107, 101)`

Have a look what the booklet for
RYB(132, 107, 101) contains.

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Color

R_YB(132, 107, 101)

Conversions

Conversions Part 1

Format	Color
Hex	846A65
RGB	132, 106, 101
RGB Percent	52%, 42%, 40%
CMY	0.4824, 0.5842, 0.6039
CMYK	0.00, 0.20, 0.23, 0.48
HSL	10°, 13%, 46%
HSV	10°, 23%, 52%
XYZ	17.0215, 16.1588, 14.5337
YIQ	113.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

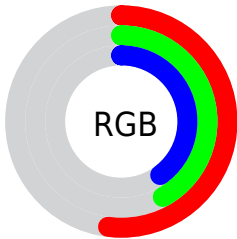
Format	Color
R_{YB}	132, 107, 101
Decimal	8677989
CIE Lab	47.18, 9.50, 6.72
CIE LCh	47, 11.634, 35.298
Yxy	16.1588, 0.3567, 0.3387
Android (android.graphics.Color)	4286868069 (0xFF846A65)
YUV	113.2040, -6.0166, 16.4841
Hunter-Lab	40.1980, 5.2380, 6.7020

Details

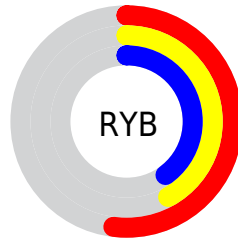
The RYB color **132, 107, 101** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **101, 115, 132**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **186, 158, 152**, and **82, 60, 54** is the 20% darker color. If you saturate the color by 10%, you get **132, 96, 88**, and if you desaturate by 10%, it is **132, 118, 114**.

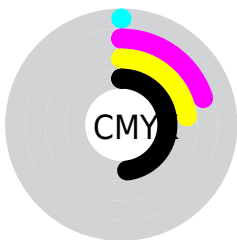
Distribution



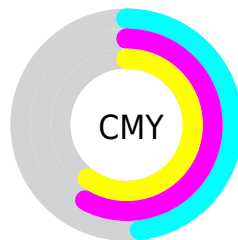
- Red (52%)
- Green (42%)
- Blue (40%)



- Red (52%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 107, 101 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 132, 107, 101 by changing the saturation by 10% instead.

■ 132, 107, 101

255, 255, 255

■ 186, 158, 152

■ 213, 185, 179

■ 242, 213, 206

■ 255, 242, 234

■ 132, 107, 101

■ 106, 83, 77

■ 82, 60, 54

■ 58, 38, 33

■ 37, 19, 10

■ 0, 0, 0

■ 132, 107, 101

■ 132, 96, 88

■ 132, 86, 75

■ 132, 75, 61

■ 132, 107, 101

■ 132, 118, 114

■ 132, 128, 127

■ 132, 136, 141

■ 132, 65, 48

■ 132, 142, 154

■ 132, 54, 35

■ 132, 148, 167

■ 132, 44, 22

■ 132, 154, 180

■ 132, 33, 9

■ 132, 160, 193

■ 132, 25, 0

■ 132, 166, 207

■ 132, 172, 220

Harmonies

Analogous

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



132, 105, 110



132, 107, 101



127, 122, 94

Triad

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



132, 107, 101



96, 112, 117



103, 110, 131

Complementary

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



132, 107, 101



101, 115, 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.



92, 106, 129



132, 107, 101



88, 104, 118

Square

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



132, 107, 101



96, 115, 104



86, 103, 123



116, 109, 128

Rectangle

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



132, 107, 101



109, 121, 93



86, 103, 123



99, 109, 131

Sweetspot

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



132, 107, 101



171, 161, 159



132, 101, 127



87, 81, 80



214, 214, 214



87, 87, 87

Same Dimension

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



132, 107, 101



171, 133, 123



118, 132, 101



66, 61, 60



130, 25, 0



3, 0, 0

Inverse Universe

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



101, 115, 132



123, 145, 171



101, 109, 132



60, 63, 66



0, 59, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 132, 107, 101 looks on a white background.

Color Contrast Check

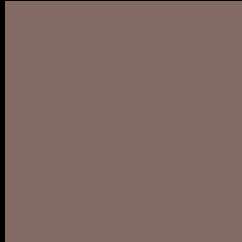
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 132, 107, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

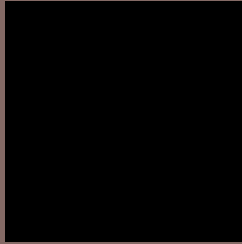
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 132, 107, 101 Background



This preview shows how black text looks on a background with the RYB color 132, 107, 101.

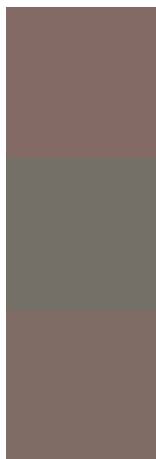


This preview shows how white text looks on a background with the RYB color 132, 107, 101.

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


132, 107, 101

Protanopia

110, 116, 104

Deuteranopia

127, 111, 101



Tritanopia
133, 104, 112

Trichromacy



Original Color

132, 107, 101

Protanomaly

122, 114, 103

Deuteranomaly

129, 109, 101

Tritanomaly

133, 105, 108

Monochromacy



Original Color

132, 107, 101

Achromatopsia

113, 113, 113

Achromatomaly

120, 110, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 107, 101 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, 106, 101) looks like.

```
.text, #text, p{  
    color:rgb(132, 106, 101)  
}
```

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, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 106, 101) }
```

Border

The CSS property to change the border of an element to RYB 132, 107, 101 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, 106, 101) }
```

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

```
.border{ border-color:rgb(132, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(132, 106,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 132, 107, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 106, 101) }
```

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

```
.background{ background-color: rgb(132,  
106, 101) }
```

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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