

Converting Colors

`RYB(119, 138, 105)`

Have a look what the booklet for
RYB(119, 138, 105) contains.

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Color

R_YB(119, 138, 105)

Conversions

Conversions Part 1

Format	Color
Hex	8A8069
RGB	138, 128, 105
RGB Percent	54%, 50%, 41%
CMY	0.4588, 0.4974, 0.5882
CMYK	0.00, 0.07, 0.24, 0.46
HSL	42°, 14%, 48%
HSV	42°, 24%, 54%
XYZ	20.7724, 21.9060, 16.4981
YIQ	128.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

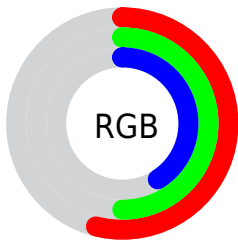
Format	Color
RYB	119, 138, 105
Decimal	9076841
CIELab	53.93, -0.23, 13.94
CIELCh	54, 13.942, 90.964
Yxy	21.9060, 0.3510, 0.3702
Android (android.graphics.Color)	4287266921 (0xFF8A8069)
YUV	128.3680, -11.5204, 8.4473
Hunter-Lab	46.8038, -2.6850, 11.8633

Details

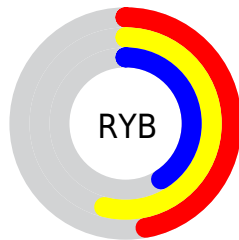
The RYB color **119, 138, 105** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **105, 113, 138**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **172, 192, 156**, and **71, 88, 58** is the 20% darker color. If you saturate the color by 10%, you get **111, 138, 91**, and if you desaturate by 10%, it is **128, 138, 119**.

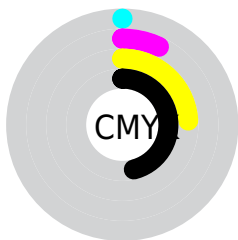
Distribution



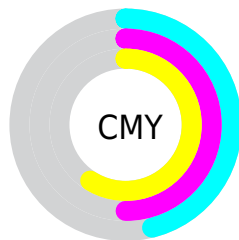
- Red (54%)
- Green (50%)
- Blue (41%)



- Red (47%)
- Yellow (54%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 138, 105 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 119, 138, 105 by changing the saturation by 10% instead.

 119, 138, 105


255, 255, 255


 172, 192, 156


 201, 220, 183

 227, 248, 211


 239, 255, 239


 119, 138, 105

 111, 138, 91

 103, 138, 77

 119, 138, 105

 94, 112, 81

 71, 88, 58

 47, 64, 36

 24, 42, 15

 7, 19, 0

 0, 0, 0

 119, 138, 105

 128, 138, 119

 136, 138, 133

■ 95, 138, 64

■ 138, 140, 146

■ 87, 138, 50

■ 138, 143, 160

■ 79, 138, 36

■ 138, 146, 174

■ 70, 138, 22

■ 138, 150, 188

■ 64, 138, 8

■ 138, 153, 202

■ 58, 138, 0

■ 138, 156, 215

■ 138, 159, 229

Harmonies

Analogous

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



148, 135, 108



119, 138, 105



108, 132, 115

Triad

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



119, 138, 105



97, 117, 141



145, 122, 141

Complementary

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



119, 138, 105



105, 113, 138

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.



132, 126, 149



119, 138, 105



103, 121, 149

Square

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



119, 138, 105



101, 120, 136



116, 126, 153



153, 121, 129

Rectangle

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



119, 138, 105



113, 134, 131



116, 126, 153



141, 123, 144

Sweetspot

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



119, 138, 105



172, 179, 166



138, 105, 115



85, 89, 82



217, 217, 217



89, 89, 89

Same Dimension

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



119, 138, 105



150, 179, 127



105, 138, 112



65, 69, 62



57, 133, 0



1, 5, 0

Inverse Universe

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



105, 113, 138



127, 139, 179



112, 105, 138



62, 64, 69



0, 30, 133



0, 1, 5

Previews

White Background



This preview shows how the RYB color 119, 138, 105 looks on a white background.

Color Contrast Check

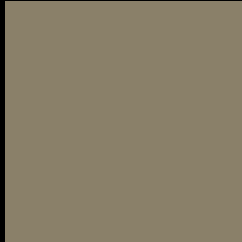
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 138, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

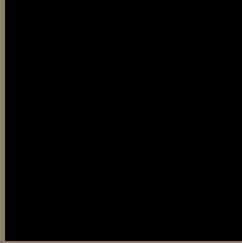
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

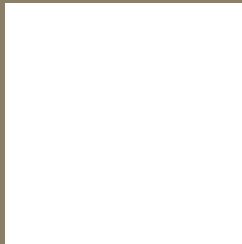
Any Text WCAG AAA × Fail

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

RYB 119, 138, 105 Background



This preview shows how black text looks on a background with the RYB color 119, 138, 105.

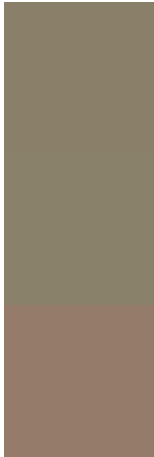


This preview shows how white text looks on a background with the RYB color 119, 138, 105.

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
[119](#), [138](#), [105](#)

Protanopia
[116](#), [137](#), [105](#)

Deuteranopia
[149](#), [137](#), [106](#)



Tritanopia

142, 124, 134

Trichromacy



Original Color

119, 138, 105

Protanomaly

116, 137, 105

Deuteranomaly

143, 145, 106

Tritanomaly

141, 127, 123

Monochromacy



Original Color

119, 138, 105

Achromatopsia

128, 128, 128

Achromatomaly

126, 132, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 138, 105 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(138, 128, 105) looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 105)  
}
```

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(138, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 105) }
```

Border

The CSS property to change the border of an element to RYB 119, 138, 105 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(138, 128, 105) }
```

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

```
.border{ border-color:rgb(138, 128, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(138, 128,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 119, 138, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 105) }
```

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

```
.background{ background-color: rgb(138,  
128, 105) }
```

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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