

Converting Colors

`RYB(138, 126, 105)`

Have a look what the booklet for
RYB(138, 126, 105) contains.

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Color

`RYB(138, 126, 105)`

Conversions

Conversions Part 1	
Format	Color
Hex	8A7669
RGB	138, 118, 105
RGB Percent	54%, 46%, 41%
CMY	0.4588, 0.5379, 0.5882
CMYK	0.00, 0.15, 0.24, 0.46
HSL	23°, 14%, 48%
HSV	23°, 24%, 54%
XYZ	19.4899, 19.3408, 16.0705
YIQ	122.4980, 16.0930, 0.1970

Conversions

Conversions Part 2

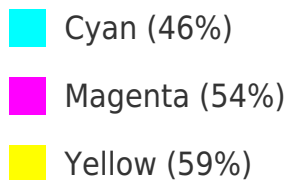
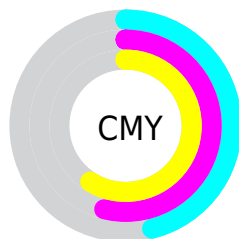
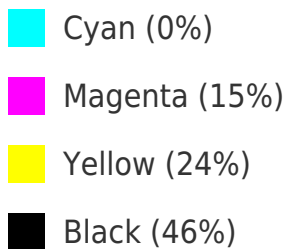
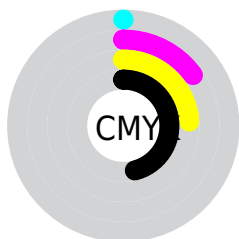
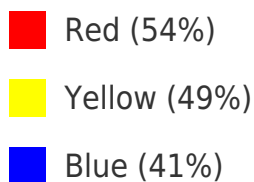
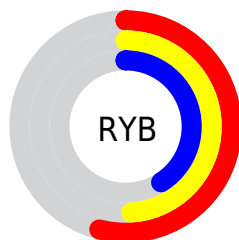
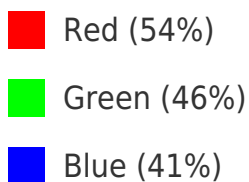
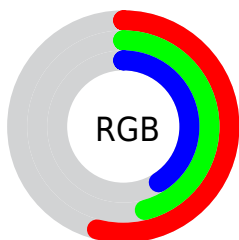
Format	Color
RYB	138, 126, 105
Decimal	9074281
CIELab	51.08, 5.69, 9.97
CIELCh	51, 11.477, 60.272
Yxy	19.3408, 0.3550, 0.3523
Android (android.graphics.Color)	4287264361 (0xFF8A7669)
YUV	122.4980, -8.6265, 13.5953
Hunter-Lab	43.9782, 2.1441, 9.1190

Details

The RYB color **138, 126, 105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105, 117, 138**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **192, 179, 156**, and **88, 78, 58** is the 20% darker color. If you saturate the color by 10%, you get **138, 120, 91**, and if you desaturate by 10%, it is **138, 130, 119**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RYB color 138, 126, 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 138, 126, 105 by changing the saturation by 10% instead.



138, 126, 105



138, 126, 105

255, 255, 255



112, 101, 81



192, 179, 156



88, 78, 58



220, 206, 183



64, 54, 36



248, 234, 211



41, 34, 15



240, 255, 239



19, 0, 0



0, 0, 0



138, 126, 105



138, 126, 105



138, 120, 91




138, 130, 119



138, 117, 77





138, 136, 133


 138, 112, 64

 138, 141, 146

 138, 105, 50

 138, 147, 160

 138, 102, 36

 138, 152, 174

 138, 96, 22

 138, 157, 188

 138, 92, 8

 138, 162, 202

 138, 89, 0

 138, 167, 215

 138, 173, 229

Harmonies

Analogous

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



142, 117, 112



138, 126, 105



113, 129, 102

Triad

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



138, 126, 105



99, 115, 127



124, 119, 139

Complementary

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



138, 126, 105



105, 117, 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.



111, 119, 141



138, 126, 105



96, 112, 131

Square

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



138, 126, 105



108, 123, 126



101, 116, 138



135, 116, 132

Rectangle

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



138, 126, 105



103, 123, 104



101, 116, 138



120, 120, 140

Sweetspot

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



138, 126, 105



179, 174, 166



138, 105, 125



89, 87, 82



217, 217, 217



89, 89, 89

Same Dimension

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



138, 126, 105



179, 160, 127



110, 138, 105



69, 67, 62



133, 85, 0



5, 3, 0

Inverse Universe

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



105, 117, 138



127, 146, 179



105, 109, 138



62, 65, 69



0, 50, 133



0, 2, 5

Previews

White Background



This preview shows how the RYB color 138, 126, 105 looks on a white background.

Color Contrast Check

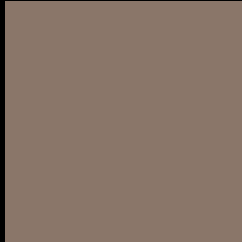
Large Text (above 18pt) WCAG AA ✓ Pass

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 138, 126, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

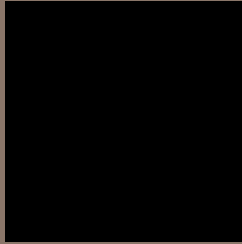
Any Text WCAG AA ✓ Pass

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 138, 126, 105 Background



This preview shows how black text looks on a background with the RYB color 138, 126, 105.

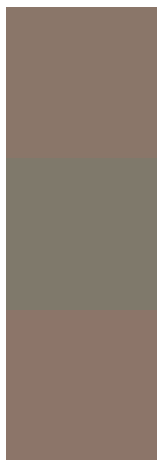


This preview shows how white text looks on a background with the RYB color 138, 126, 105.

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


138, 126, 105

Protanopia

116, 127, 107

Deuteranopia

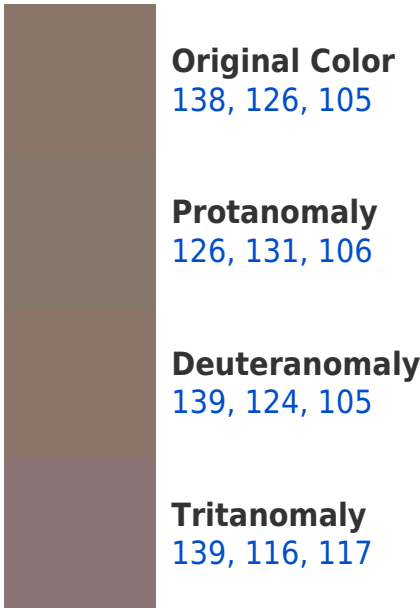
140, 123, 105



Tritanopia

140, 115, 124

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 126, 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, 118, 105) looks like.

```
.text, #text, p{  
    color:rgb(138, 118, 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, 118, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 118, 105) }
```

Border

The CSS property to change the border of an element to RYB 138, 126, 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, 118, 105) }
```

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

```
.border{ border-color:rgb(138, 118, 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, 118, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 118, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 118, 105);  
box-shadow:4px 4px 4px 4px rgb(138, 118,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 138, 126, 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, 118, 105) }
```

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

```
.background{ background-color: rgb(138,  
118, 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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