

Converting Colors

`RYB(140, 126, 107)`

Have a look what the booklet for
RYB(140, 126, 107) contains.

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Color

R_YB(140, 126, 107)

Conversions

Conversions Part 1

Format	Color
Hex	8C776B
RGB	140, 119, 107
RGB Percent	55%, 47%, 42%
CMY	0.4510, 0.5331, 0.5804
CMYK	0.00, 0.15, 0.24, 0.45
HSL	22°, 13%, 48%
HSV	22°, 24%, 55%
XYZ	20.0728, 19.8444, 16.6823
YIQ	123.9110, 16.3680, 0.7200

Conversions

Conversions Part 2

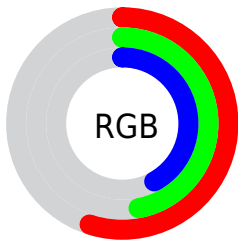
Format	Color
RYB	140, 126, 107
Decimal	9205611
CIELab	51.66, 6.11, 9.64
CIELCh	52, 11.413, 57.609
Yxy	19.8444, 0.3546, 0.3506
Android (android.graphics.Color)	4287395691 (0xFF8C776B)
YUV	123.9110, -8.3371, 14.1101
Hunter-Lab	44.5470, 2.4743, 8.9795

Details

The RYB color **140, 126, 107** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107, 120, 140**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **194, 178, 158**, and **89, 78, 60** is the 20% darker color. If you saturate the color by 10%, you get **140, 120, 93**, and if you desaturate by 10%, it is **140, 132, 121**.

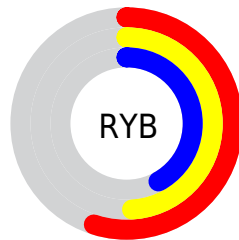
Distribution



Red (55%)

Green (47%)

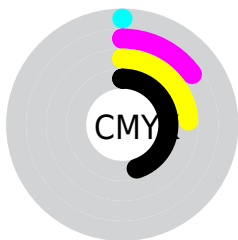
Blue (42%)



Red (55%)

Yellow (49%)

Blue (42%)

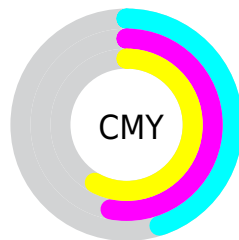


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (45%)



Cyan (45%)


Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 126, 107 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 140, 126, 107 by changing the saturation by 10% instead.

 140, 126, 107


255, 255, 255

 194, 178, 158

 222, 208, 185

 251, 235, 213


 241, 255, 241

 140, 126, 107

 114, 100, 83

 89, 78, 60


 66, 54, 38


 43, 33, 17


 21, 1, 0


 0, 0, 0


 140, 126, 107

 140, 120, 93

 140, 113, 79

 140, 126, 107

 140, 132, 121

 140, 138, 135

■ 140, 107, 65

■ 140, 144, 149

■ 140, 103, 51

■ 140, 149, 163

■ 140, 97, 37

■ 140, 154, 177

■ 140, 91, 23

■ 140, 160, 191

■ 140, 85, 9

■ 140, 165, 205

■ 140, 80, 0

■ 140, 171, 219

■ 140, 176, 233

Harmonies

Analogous

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



144, 117, 115



140, 126, 107



120, 132, 104

Triad

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



140, 126, 107



101, 117, 129



124, 121, 140

Complementary

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



140, 126, 107



107, 120, 140

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.



112, 121, 142



140, 126, 107



98, 114, 132

Square

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



140, 126, 107



110, 126, 128



102, 117, 139



135, 118, 134

Rectangle

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



140, 126, 107



106, 125, 105



102, 117, 139



120, 122, 142

Sweetspot

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



140, 126, 107



181, 176, 168



140, 107, 128



92, 89, 84



219, 219, 219



92, 92, 92

Same Dimension

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



140, 126, 107



181, 160, 130



113, 140, 107



69, 65, 62



133, 75, 0



5, 3, 0

Inverse Universe

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



107, 120, 140



130, 150, 181



107, 111, 140



62, 65, 69



0, 51, 133



0, 2, 5

Previews

White Background



This preview shows how the RYB color 140, 126, 107 looks on a white background.

Color Contrast Check

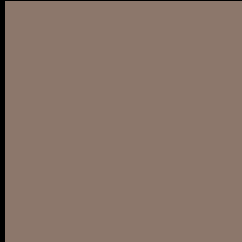
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 126, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

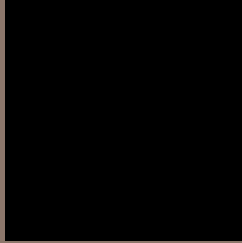
Any Text WCAG AA ✓ Pass

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 140, 126, 107 Background



This preview shows how black text looks on a background with the RYB color 140, 126, 107.

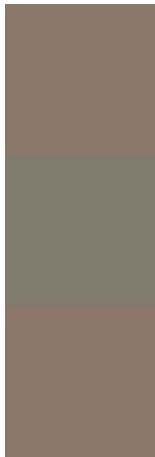


This preview shows how white text looks on a background with the RYB color 140, 126, 107.

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


[140, 126, 107](#)

Protanopia

[118, 129, 109](#)

Deuteranopia

[141, 126, 107](#)



Tritanopia
142, 116, 125

Trichromacy



Original Color

140, 126, 107

Protanomaly

128, 133, 108

Deuteranomaly

141, 126, 107

Tritanomaly

141, 117, 118

Monochromacy



Original Color

140, 126, 107

Achromatopsia

124, 124, 124

Achromatomaly

130, 124, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 126, 107 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(140, 119, 107) looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 107)  
}
```

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(140, 119, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 107) }
```

Border

The CSS property to change the border of an element to RYB 140, 126, 107 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(140, 119, 107) }
```

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

```
.border{ border-color:rgb(140, 119, 107) }
```

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

Here you see how a box with a 4 pixel rgb(140, 119, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 107);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 140, 126, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 107) }
```

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

```
.background{ background-color: rgb(140,  
119, 107) }
```

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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