

Converting Colors

`RYB(158, 140, 111)`

Have a look what the booklet for
RYB(158, 140, 111) contains.

RYB(158, 140, 111)	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(158, 140, 111)

Conversions

Conversions Part 1

Format	Color
Hex	9E816F
RGB	158, 129, 111
RGB Percent	62%, 51%, 44%
CMY	0.3804, 0.4944, 0.5647
CMYK	0.00, 0.18, 0.30, 0.38
HSL	23°, 20%, 53%
HSV	23°, 30%, 62%
XYZ	24.8114, 24.1000, 18.3830
YIQ	135.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

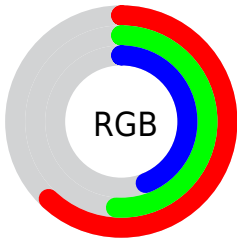
Format	Color
R_YB	158, 140, 111
Decimal	10387823
CIE Lab	56.19, 8.40, 13.92
CIE LCh	56, 16.259, 58.904
Yxy	24.1000, 0.3687, 0.3581
Android (android.graphics.Color)	4288577903 (0xFF9E816F)
YUV	135.6190, -12.1372, 19.6281
Hunter-Lab	49.0917, 4.3049, 12.1624

Details

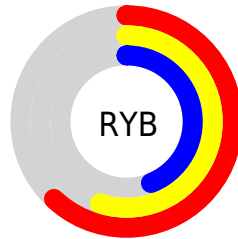
The RYB color **158, 140, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 129, 158**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **213, 194, 163**, and **106, 91, 63** is the 20% darker color. If you saturate the color by 10%, you get **158, 134, 95**, and if you desaturate by 10%, it is **158, 147, 127**.

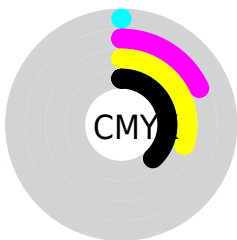
Distribution



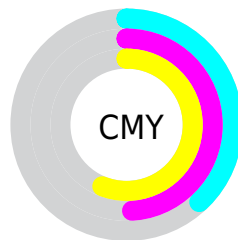
- Red (62%)
- Green (51%)
- Blue (44%)



- Red (62%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 140, 111 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 158, 140, 111 by changing the saturation by 10% instead.

 158, 140, 111

255, 255, 255

 213, 194, 163

 242, 220, 190

 249, 255, 218


 246, 255, 246

 158, 140, 111

 158, 134, 95

 158, 127, 79

 158, 140, 111

 131, 115, 87

 106, 91, 63

 81, 68, 41

 57, 44, 21

 35, 23, 0

 0, 0, 0


 158, 140, 111


 158, 147, 127


 158, 151, 143


 158, 122, 64


 158, 158, 158


 158, 116, 48

 158, 164, 174


 158, 110, 32

 158, 170, 190

 158, 103, 16

 158, 176, 206

 158, 99, 0

 158, 182, 222

 158, 97, 0

 158, 188, 237

 158, 194, 253

Harmonies

Analogous

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



164, 126, 122



158, 140, 111



124, 146, 107

Triad

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



158, 140, 111



102, 125, 143



137, 131, 159

Complementary

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



158, 140, 111



111, 129, 158

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.



118, 131, 163



158, 140, 111



96, 120, 148

Square

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



158, 140, 111



115, 137, 141



102, 125, 158



153, 127, 150

Rectangle

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



158, 140, 111



108, 137, 109



102, 125, 158



130, 133, 161

Sweetspot

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



158, 140, 111



207, 199, 188



158, 111, 141



105, 99, 93



232, 232, 232



105, 105, 105

Same Dimension

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



158, 140, 111



207, 179, 132



118, 158, 111



79, 76, 71



143, 87, 0



15, 10, 0

Inverse Universe

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



111, 129, 158



132, 161, 207



111, 116, 158



71, 74, 79



0, 54, 143



0, 6, 15

Previews

White Background



This preview shows how the RYB color 158, 140, 111 looks on a white background.

Color Contrast Check

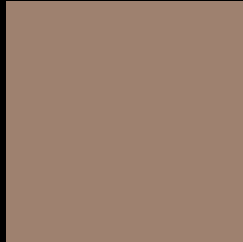
Large Text (above 18pt) WCAG AA ✓ Pass

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 158, 140, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

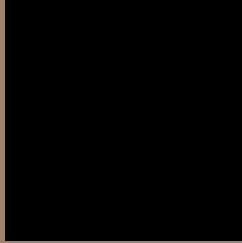
Any Text WCAG AA ✓ Pass

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 158, 140, 111 Background



This preview shows how black text looks on a background with the RYB color 158, 140, 111.



This preview shows how white text looks on a background with the RYB color 158, 140, 111.

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

158, 140, 111

Protanopia

123, 142, 114

Deuteranopia

156, 144, 111



Tritanopia
161, 125, 135

Trichromacy



Original Color

158, 140, 111

Protanomaly

139, 148, 113

Deuteranomaly

157, 143, 111

Tritanomaly

160, 126, 126

Monochromacy



Original Color

158, 140, 111

Achromatopsia

136, 136, 136

Achromatomaly

144, 136, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 140, 111 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(158, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 129, 111)  
}
```

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(158, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 129, 111) }
```

Border

The CSS property to change the border of an element to RYB 158, 140, 111 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(158, 129, 111) }
```

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

```
.border{ border-color:rgb(158, 129, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 129, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(158, 129,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 158, 140, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 129, 111) }
```

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

```
.background{ background-color: rgb(158,  
129, 111) }
```

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