Converting Colors

RYB(140, 156, 110)

Have a look what the booklet for RYB(140, 156, 110) contains.

Color

RYB(140, 156, 110)

Conversions

Conversions Part 1

Format	Color
Hex	9C8A6E
RGB	156, 138, 110
RGB Percent	61%, 54%, 43%
CMY	0.3882, 0.4594, 0.5686
CMYK	0.00, 0.12, 0.29, 0.39
HSL	36°, 19%, 52%
HSV	36°, 29%, 61%
XYZ	25.5906, 26.3254, 18.4844
YIQ	140.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

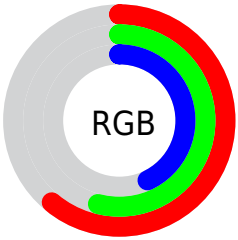
Format	Color
RYB	140, 156, 110
Decimal	10259054
CIELab	58.34, 2.41, 17.44
CIELCh	58, 17.605, 82.127
Yxy	26.3254, 0.3635, 0.3739
Android (android.graphics.Color)	4288449134 (0xFF9C8A6E)
YUV	140.1900, -14.8837, 13.8654
Hunter-Lab	51.3083, -0.7605, 14.5559

Details

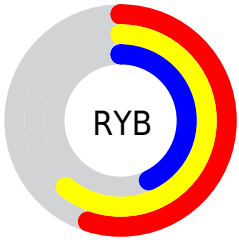
The RYB color 140, 156, 110 is a dark color, and the websafe version is hex 999966. A complement of this color would be 110, 123, 156, and the grayscale version is 140, 140, 140.

A 20% lighter version of the original color is 196, 211, 162, and 88, 104, 62 is the 20% darker color. If you saturate the color by 10%, you get 133, 156, 94, and if you desaturate by 10%, it is 146, 156, 126.

Distribution

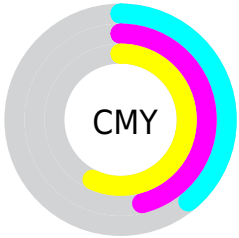


- Red (61%)
- Green (54%)
- Blue (43%)



- Red (55%)
- Yellow (61%)
- Blue (43%)

- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 156, 110 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, 156, 110 by changing the saturation by 10% instead.

140, 156, 110	140, 156, 110
255, 255, 255	116, 130, 86
196, 211, 162	88, 104, 62
225, 240, 189	62, 79, 40
227, 255, 217	39, 56, 19
245, 255, 245	19, 34, 0
	0, 0, 0

140, 156, 110	140, 156, 110
133, 156, 94	146, 156, 126
128, 156, 79	151, 156, 141

124, 156, 63

119, 156, 48

113, 156, 32

107, 156, 16

102, 156, 1

103, 156, 0

156, 156, 157

156, 160, 172

156, 165, 188

156, 170, 204

156, 174, 219

156, 178, 235

156, 183, 250

Harmonies

Analogous

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

168, 140, 117

140, 156, 110

112, 143, 115

Triad

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

140, 156, 110

98, 124, 151

156, 133, 159

Complementary

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

140, 156, 110

110, 123, 156

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.

138, 138, 169

140, 156, 110

102, 128, 164

Square

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

140, 156, 110

107, 132, 149

117, 134, 170

169, 130, 145

Rectangle

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

140, 156, 110

117, 146, 135

117, 134, 170

151, 134, 163

Sweetspot

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

140, 156, 110

197, 204, 186

156, 110, 128

97, 102, 91

230, 230, 230

102, 102, 102

Same Dimension

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

140, 156, 110

179, 204, 133

110, 156, 115

76, 79, 71

95, 143, 0

10, 15, 0

Inverse Universe

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

110, 123, 156

133, 153, 204

115, 110, 156

71, 73, 79

0, 40, 143

0, 4, 15

Previews

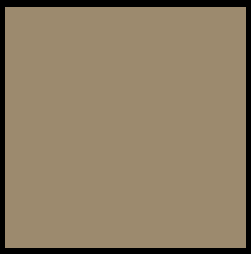
White Background

This preview shows how the RYB color 140, 156, 110 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



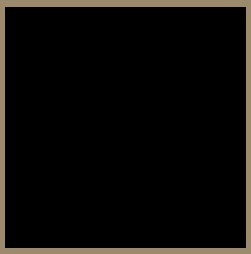
This preview shows how the RYB color 140, 156, 110 looks on a black background.

Color Contrast Check

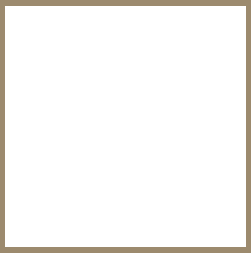
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 140, 156, 110 Background



This preview shows how black text looks on a background with the RYB color 140, 156, 110.



This preview shows how white text looks on a background with the RYB color 140, 156, 110.

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, 156, 110

Protanopia
123, 149, 111

Deuteranopia
164, 155, 111

Tritanopia
160, 133, 144

Trichromacy

Original Color
140, 156, 110

Protanomaly
130, 152, 111

Deuteranomaly
161, 161, 111

Tritanomaly
159, 135, 132

Monochromacy

Original Color
140, 156, 110

Achromatopsia
140, 140, 140

Achromatomaly
141, 146, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 156, 110 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(156, 138, 110) looks like.

```
.text, #text, p{
    color:rgb(156, 138, 110)
}
```

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(156, 138, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 110) }
```

Border

The CSS property to change the border of an element to RYB 140, 156, 110 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(156, 138, 110) }
```

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

```
.border{ border-color:rgb(156, 138, 110) }
```

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

Here you see how a box with a 4 pixel rgb(156, 138, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 138, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 138, 110); box-shadow:4px 4px 4px 4px rgb(156, 138, 110) }
```

Background

The CSS property to change the background color of an element to RYB 140, 156, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(156, 138, 110) }
```

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

```
.background{ background-color:rgb(156,
138, 110) }
```

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