Converting Colors

RYB(160, 167, 115)

Have a look what the booklet for RYB(160, 167, 115) contains.

Color

RYB(160, 167, 115)

Conversions

Conversions Part 1

Format	Color
Hex	A78F73
RGB	167, 143, 115
RGB Percent	65%, 56%, 45%
CMY	0.3451, 0.4397, 0.5490
CMYK	0.00, 0.14, 0.31, 0.35
HSL	32°, 23%, 55%
HSV	32°, 31%, 65%
XYZ	28.8348, 29.0611, 20.3093
YIQ	146.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

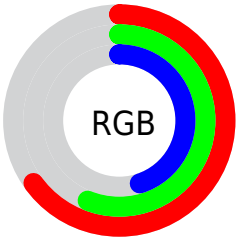
Format	Color
RYB	160, 167, 115
Decimal	10981235
CIELab	60.84, 4.78, 18.20
CIELCh	61, 18.820, 75.289
Yxy	29.0611, 0.3687, 0.3716
Android (android.graphics.Color)	4289171315 (0xFFA78F73)
YUV	146.9840, -15.7681, 17.5540
Hunter-Lab	53.9083, 1.1374, 15.3991

Details

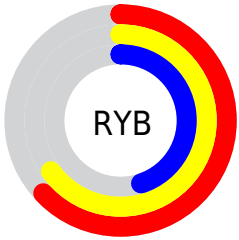
The RYB color 160, 167, 115 is a dark color, and the websafe version is hex 999966. A complement of this color would be 115, 131, 167, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 216, 223, 167, and 105, 114, 67 is the 20% darker color. If you saturate the color by 10%, you get 158, 167, 98, and if you desaturate by 10%, it is 161, 167, 132.

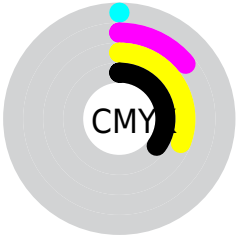
Distribution



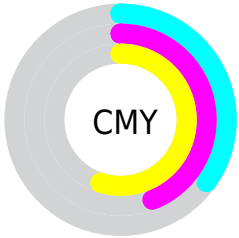
- Red (65%)
- Green (56%)
- Blue (45%)



- Red (63%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 167, 115 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 160, 167, 115 by changing the saturation by 10% instead.

160, 167, 115	160, 167, 115
255, 255, 255	133, 140, 90
216, 223, 167	105, 114, 67
245, 252, 194	80, 89, 44
224, 255, 222	55, 65, 23
251, 255, 251	28, 43, 0
	16, 0, 0
	0, 0, 0

160, 167, 115	160, 167, 115
158, 167, 98	161, 167, 132

158, 167, 82

152, 167, 65

150, 167, 48

148, 167, 31

148, 167, 15

143, 167, 0

165, 167, 148

167, 167, 165

167, 172, 182

167, 177, 198

167, 182, 215

167, 188, 232

167, 193, 249

167, 197, 255

Harmonies

Analogous

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

178, 143, 124

160, 167, 115

118, 151, 115

Triad

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

160, 167, 115

102, 129, 156

160, 140, 170

Complementary

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

160, 167, 115

115, 131, 167

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.

139, 144, 179

160, 167, 115

103, 132, 170

Square

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

160, 167, 115

114, 141, 156

117, 139, 178

175, 136, 156

Rectangle

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

160, 167, 115

119, 152, 133

117, 139, 178

153, 142, 174

Sweetspot

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

160, 167, 115

213, 217, 197

167, 115, 139

110, 110, 98

237, 237, 237

110, 110, 110

Same Dimension

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

160, 167, 115

206, 217, 137

115, 167, 117

84, 84, 76

129, 148, 0

16, 20, 0

Inverse Universe

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

115, 131, 167

137, 162, 217

117, 115, 167

76, 79, 84

0, 47, 148

0, 6, 20

Previews

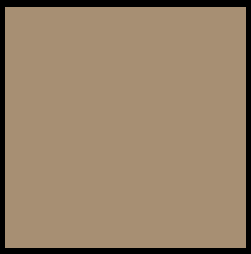
White Background

This preview shows how the RYB color 160, 167, 115 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



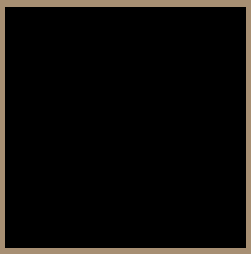
This preview shows how the RYB color 160, 167, 115 looks on a black background.

Color Contrast Check

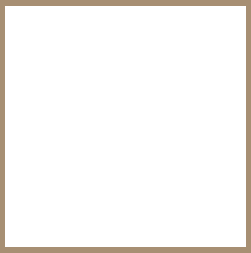
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RYB 160, 167, 115 Background



This preview shows how black text looks on a background with the RYB color 160, 167, 115.



This preview shows how white text looks on a background with the RYB color 160, 167, 115.

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
160, 167, 115

Protanopia
129, 156, 117

Deuteranopia
172, 163, 115

Tritanopia
171, 138, 149

Trichromacy

Original Color
160, 167, 115

Protanomaly
137, 160, 116

Deuteranomaly
170, 168, 115

Tritanomaly
170, 140, 137

Monochromacy

Original Color
160, 167, 115

Achromatopsia
147, 147, 147

Achromatomaly
149, 154, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 167, 115 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(167, 143, 115) looks like.

```
.text, #text, p{
    color:rgb(167, 143, 115)
}
```

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(167, 143, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 143, 115) }
```

Border

The CSS property to change the border of an element to RYB 160, 167, 115 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(167, 143, 115) }
```

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

```
.border{ border-color:rgb(167, 143, 115) }
```

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

Here you see how a box with a 4 pixel rgb(167, 143, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 143, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 143, 115); box-shadow:4px 4px 4px 4px rgb(167, 143, 115) }
```

Background

The CSS property to change the background color of an element to RYB 160, 167, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 143, 115) }
```

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

```
.background{ background-color:rgb(167,
143, 115) }
```

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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