Converting Colors

RYB(160, 137, 123)

Have a look what the booklet for RYB(160, 137, 123) contains.

Color

RYB(160, 137, 123)

Conversions

Format	Color
	Conversions Part 1
Hex	A0857B
RGB	160, 133, 123
RGB Percent	63%, 52%, 48%
CMY	0.3725, 0.4778, 0.5176
CMYK	0.00, 0.17, 0.23, 0.37
HSL	16°, 16%, 55%
HSV	16°, 23%, 63%
XYZ	26.4814, 25.7217, 22.3080
YIQ	139.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

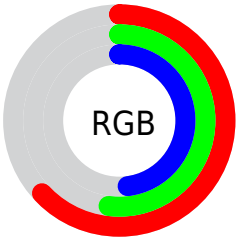
Format	Color
RYB	160, 137, 123
Decimal	10519931
CIELab	57.77, 8.58, 9.29
CIELCh	58, 12.647, 47.260
Yxy	25.7217, 0.3554, 0.3452
Android (android.graphics.Color)	4288710011 (0xFFA0857B)
YUV	139.9330, -8.3480, 17.5988
Hunter-Lab	50.7166, 4.4489, 9.4226

Details

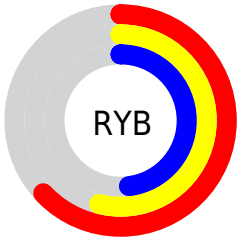
The RYB color 160, 137, 123 is a dark color, and the websafe version is hex 999999. A complement of this color would be 123, 139, 160, and the grayscale version is 140, 140, 140.

A 20% lighter version of the original color is 215, 190, 175, and 108, 86, 74 is the 20% darker color. If you saturate the color by 10%, you get 160, 128, 107, and if you desaturate by 10%, it is 160, 147, 139.

Distribution

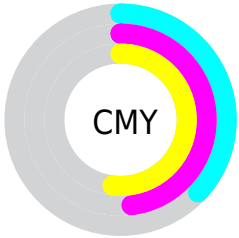


- Red (63%)
- Green (52%)
- Blue (48%)



- Red (63%)
- Yellow (54%)
- Blue (48%)

- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (37%)



- Cyan (37%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 137, 123 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, 137, 123 by changing the saturation by 10% instead.

160, 137, 123	160, 137, 123
255, 255, 255	134, 112, 98
215, 190, 175	108, 88, 74
244, 218, 203	83, 63, 52
255, 251, 231	59, 42, 31
	38, 25, 6
	0, 0, 0

160, 137, 123	160, 137, 123
160, 128, 107	160, 147, 139
160, 117, 91	160, 156, 155

160, 107, 75

160, 98, 59

160, 87, 43

160, 78, 27

160, 68, 11

160, 61, 0

160, 165, 171

160, 171, 187

160, 178, 203

160, 185, 219

160, 191, 235

160, 198, 251

160, 203, 255

Harmonies

Analogous

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

162, 131, 133

160, 137, 123

146, 152, 117

Triad

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

160, 137, 123

117, 134, 145

135, 138, 160

Complementary

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

160, 137, 123

123, 139, 160

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.

121, 134, 160

160, 137, 123

111, 128, 145

Square

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

160, 137, 123

124, 143, 139

112, 130, 155

149, 134, 154

Rectangle

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

160, 137, 123

125, 145, 117

112, 130, 155

130, 137, 160

Sweetspot

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

160, 137, 123

209, 199, 194

160, 123, 150

105, 99, 96

232, 232, 232

105, 105, 105

Same Dimension

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

160, 137, 123

209, 173, 151

135, 160, 123

79, 74, 71

143, 54, 0

15, 5, 0

Inverse Universe

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

123, 139, 160

151, 175, 209

123, 130, 160

71, 74, 79

0, 60, 143

0, 6, 15

Previews

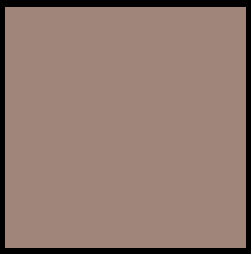
White Background

This preview shows how the RYB color 160, 137, 123 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



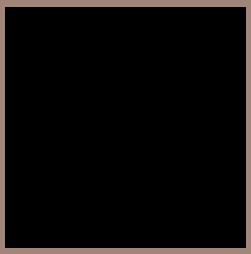
This preview shows how the RYB color 160, 137, 123 looks on a black background.

Color Contrast Check

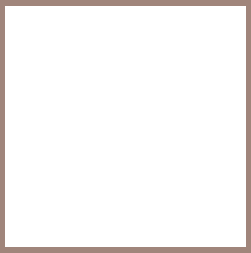
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RYB 160, 137, 123 Background



This preview shows how black text looks on a background with the RYB color 160, 137, 123.



This preview shows how white text looks on a background with the RYB color 160, 137, 123.

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, 137, 123

Protanopia
137, 145, 126

Deuteranopia
158, 139, 123

Tritanopia
162, 131, 141

Trichromacy

Original Color
160, 137, 123

Protanomaly
150, 145, 125

Deuteranomaly
159, 139, 123

Tritanomaly
161, 132, 134

Monochromacy

Original Color
160, 137, 123

Achromatopsia
140, 140, 140

Achromatomaly
147, 140, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 137, 123 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(160, 133, 123) looks like.

```
.text, #text, p{
    color:rgb(160, 133, 123)
}
```

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(160, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 133, 123) }
```

Border

The CSS property to change the border of an element to RYB 160, 137, 123 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(160, 133, 123) }
```

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

```
.border{ border-color:rgb(160, 133, 123) }
```

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

Here you see how a box with a 4 pixel rgb(160, 133, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 133, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 133, 123); box-shadow:4px 4px 4px 4px rgb(160, 133, 123) }
```

Background

The CSS property to change the background color of an element to RYB 160, 137, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(160, 133, 123) }
```

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

```
.background{ background-color:rgb(160,
133, 123) }
```

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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