Converting Colors

RYB(130, 162, 157)

Have a look what the booklet for RYB(130, 162, 157) contains.

Color

RYB(130, 162, 157)

Conversions

Conversions Part 1

Format	Color
Hex	87A282
RGB	135, 162, 130
RGB Percent	53%, 64%, 51%
CMY	0.4706, 0.3647, 0.4902
CMYK	0.17, 0.00, 0.20, 0.36
HSL	111°, 15%, 57%
HSV	111°, 20%, 64%
XYZ	26.9413, 32.6033, 25.9922
YIQ	150.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

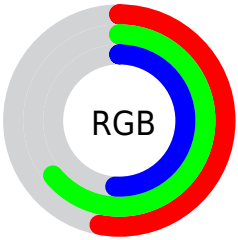
Format	Color
RYB	130, 162, 157
Decimal	8888962
CIELab	63.84, -15.69, 13.58
CIELCh	64, 20.751, 139.105
Yxy	32.6033, 0.3150, 0.3812
Android (android.graphics.Color)	4287079042 (0xFF87A282)
YUV	150.2790, -9.9975, -13.3997
Hunter-Lab	57.0993, -15.7017, 12.9800

Details

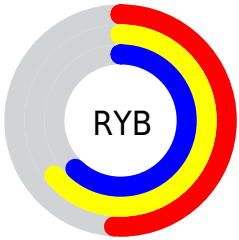
The RYB color 130, 162, 157 is a dark color, and the websafe version is hex 999966. A complement of this color would be 157, 130, 162, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 183, 217, 211, and 81, 110, 106 is the 20% darker color. If you saturate the color by 10%, you get 114, 162, 155, and if you desaturate by 10%, it is 146, 162, 159.

Distribution

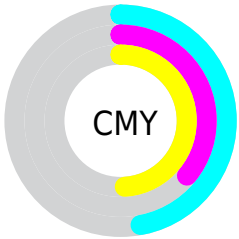


- Red (53%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (62%)

- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (47%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 162, 157 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 130, 162, 157 by changing the saturation by 10% instead.

130, 162, 157	130, 162, 157
255, 255, 255	105, 136, 132
183, 217, 211	81, 110, 106
211, 245, 240	58, 86, 83
239, 255, 249	36, 63, 60
	15, 40, 38
	0, 22, 22
	0, 0, 0

130, 162, 157	130, 162, 157
114, 162, 155	146, 162, 159

98, 162, 152	162, 162, 162
81, 162, 149	176, 162, 179
65, 162, 147	190, 162, 195
49, 162, 144	203, 162, 211
33, 162, 142	217, 162, 227
17, 162, 140	231, 162, 243
0, 162, 136	244, 162, 255
0, 162, 137	255, 162, 255

Harmonies

Analogous

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

120, 157, 121

130, 162, 157

115, 145, 165

Triad

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

130, 162, 157

124, 146, 190

193, 142, 143

Complementary

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

130, 162, 157

157, 130, 162

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.

187, 142, 162

130, 162, 157

149, 152, 189

Square

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

130, 162, 157

106, 139, 182

172, 146, 179

188, 153, 127

Rectangle

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

130, 162, 157

106, 137, 165

172, 146, 179

192, 141, 150

Sweetspot

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

130, 162, 157

199, 212, 210

136, 162, 130

100, 107, 106

235, 235, 235

107, 107, 107

Same Dimension

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

130, 162, 157

161, 212, 204

130, 154, 162

73, 82, 80

0, 145, 122

0, 18, 15

Inverse Universe

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

157, 130, 162

204, 161, 212

162, 130, 151

80, 73, 82

123, 0, 145

15, 0, 18

Previews

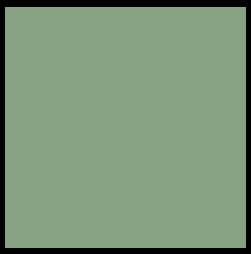
White Background

This preview shows how the RYB color 130, 162, 157 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



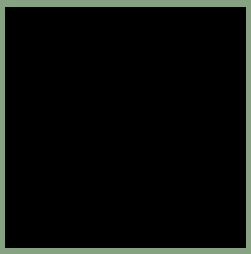
This preview shows how the RYB color 130, 162, 157 looks on a black background.

Color Contrast Check

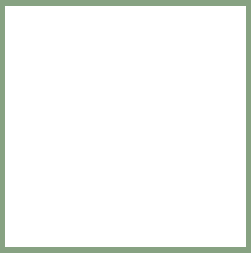
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 130, 162, 157 Background



This preview shows how black text looks on a background with the RYB color 130, 162, 157.



This preview shows how white text looks on a background with the RYB color 130, 162, 157.

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

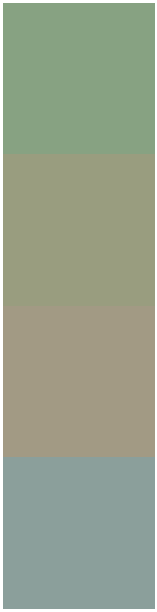
Original Color
130, 162, 157

Protanopia
138, 163, 126

Deuteranopia
177, 158, 133

Tritanopia
141, 151, 169

Trichromacy



Original Color
130, 162, 157

Protanomaly
127, 157, 131

Deuteranomaly
143, 162, 132

Tritanomaly
139, 150, 159

Monochromacy

Original Color
130, 162, 157

Achromatopsia
150, 150, 150

Achromatomaly
143, 154, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 162, 157 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(135, 162, 130) looks like.

```
.text, #text, p{
    color:rgb(135, 162, 130)
}
```

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(135, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 162, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 162, 157 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(135, 162, 130) }
```

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

```
.border{ border-color:rgb(135, 162, 130) }
```

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

Here you see how a box with a 4 pixel rgb(135, 162, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 162, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 162, 130); box-shadow:4px 4px 4px 4px rgb(135, 162, 130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 162, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(135, 162, 130) }
```

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

```
.background{ background-color:rgb(135,
162, 130) }
```

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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