Converting Colors

RYB(154, 167, 142)

Have a look what the booklet for RYB(154, 167, 142) contains.

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Color

RYB(154, 167, 142)

Conversions

Conversions Part 1

Format	Color
Hex	A79F8E
RGB	167, 159, 142
RGB Percent	65%, 62%, 56%
CMY	0.3451, 0.3769, 0.4431
CMYK	0.00, 0.05, 0.15, 0.35
HSL	41°, 12%, 61%
HSV	41°, 15%, 65%
XYZ	33.1984, 34.9276, 30.5831
YIQ	159.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

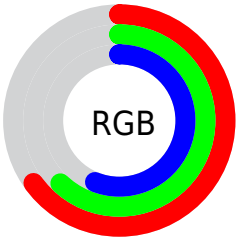
Format	Color
RYB	154, 167, 142
Decimal	10985358
CIELab	65.69, 0.00, 9.87
CIELCh	66, 9.869, 89.984
Yxy	34.9276, 0.3363, 0.3538
Android (android.graphics.Color)	4289175438 (0xFFA79F8E)
YUV	159.4540, -8.6048, 6.6178
Hunter-Lab	59.0996, -3.1543, 10.6880

Details

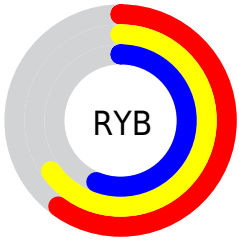
The RYB color 154, 167, 142 is a light color, and the websafe version is hex 999999. A complement of this color would be 142, 148, 167, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 208, 222, 196, and 102, 115, 92 is the 20% darker color. If you saturate the color by 10%, you get 146, 167, 125, and if you desaturate by 10%, it is 164, 167, 159.

Distribution

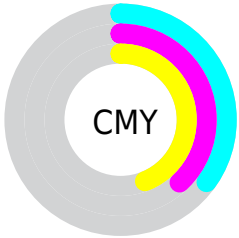


- Red (65%)
- Green (62%)
- Blue (56%)



- Red (60%)
- Yellow (65%)
- Blue (56%)

- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 167, 142 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 154, 167, 142 by changing the saturation by 10% instead.

154, 167, 142

255, 255, 255

208, 222, 196

238, 251, 224

252, 255, 252

154, 167, 142

128, 141, 116

102, 115, 92

78, 90, 68

57, 67, 46

32, 44, 25

10, 25, 0

0, 0, 0

154, 167, 142

146, 167, 125

154, 167, 142

164, 167, 159

137, 167, 109

127, 167, 92

120, 167, 75

111, 167, 59

103, 167, 42

93, 167, 25

83, 167, 8

80, 167, 0

167, 169, 175

167, 173, 192

167, 178, 209

167, 181, 225

167, 185, 242

167, 189, 255

167, 192, 255

167, 195, 255

Harmonies

Analogous

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

175, 162, 145

154, 167, 142

144, 162, 149

Triad

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

154, 167, 142

138, 152, 168

171, 155, 169

Complementary

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

154, 167, 142

142, 148, 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.

161, 157, 175

154, 167, 142

141, 154, 175

Square

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

154, 167, 142

140, 154, 165

150, 157, 177

177, 154, 160

Rectangle

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

154, 167, 142

148, 163, 161

150, 157, 177

168, 156, 171

Sweetspot

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

154, 167, 142

213, 217, 208

167, 142, 150

107, 110, 104

237, 237, 237

110, 110, 110

Same Dimension

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

154, 167, 142

198, 217, 178

142, 167, 146

81, 84, 76

71, 148, 0

9, 20, 0

Inverse Universe

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

142, 148, 167

178, 187, 217

146, 142, 167

76, 78, 84

0, 36, 148

0, 5, 20

Previews

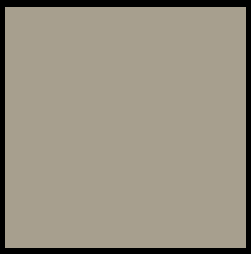
White Background

This preview shows how the RYB color 154, 167, 142 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



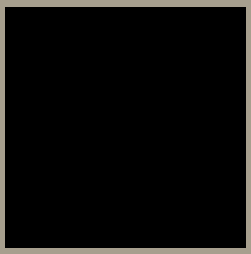
This preview shows how the RYB color 154, 167, 142 looks on a black background.

Color Contrast Check

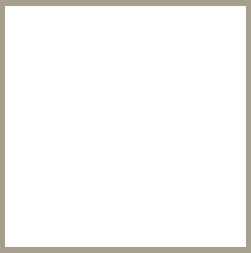
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 154, 167, 142 Background



This preview shows how black text looks on a background with the RYB color 154, 167, 142.



This preview shows how white text looks on a background with the RYB color 154, 167, 142.

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

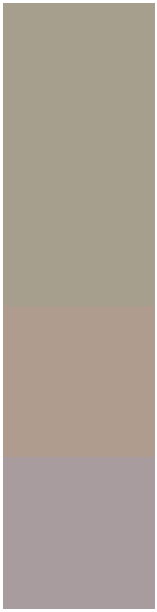
Original Color
154, 167, 142

Protanopia
152, 166, 142

Deuteranopia
181, 158, 143

Tritanopia
170, 155, 167

Trichromacy



Original Color
154, 167, 142

Protanomaly
152, 166, 142

Deuteranomaly
176, 164, 143

Tritanomaly
169, 156, 158

Monochromacy

Original Color
154, 167, 142

Achromatopsia
159, 159, 159

Achromatomaly
158, 162, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 167, 142 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, 159, 142) looks like.

```
.text, #text, p{
    color:rgb(167, 159, 142)
}
```

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, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 159, 142) }
```

Border

The CSS property to change the border of an element to RYB 154, 167, 142 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, 159, 142) }
```

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

```
.border{ border-color:rgb(167, 159, 142) }
```

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

Here you see how a box with a 4 pixel rgb(167, 159, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 159, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 159, 142); box-shadow:4px 4px 4px 4px rgb(167, 159, 142) }
```

Background

The CSS property to change the background color of an element to RYB 154, 167, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 159, 142) }
```

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

```
.background{ background-color:rgb(167,
159, 142) }
```

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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