Converting Colors

RGB(157, 190, 155)

Have a look what the booklet for RGB(157, 190, 155) contains.

Color

RGB(157, 190, 155)

Conversions

Conversions Part 1

Format	Color
Hex	9DBE9B
RGB	157, 190, 155
RGB Percent	62%, 75%, 61%
CMY	0.3843, 0.2549, 0.3922
CMYK	0.17, 0.00, 0.18, 0.25
HSL	117°, 21%, 68%
HSV	117°, 18%, 75%
XYZ	38.2345, 46.3616, 37.9439
YIQ	176.1430, -8.4330, -17.8810

Conversions

Conversions Part 2

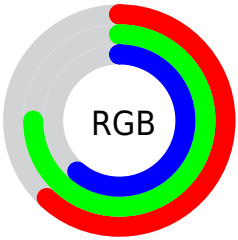
Format	Color
RYB	155, 190, 188
Decimal	10337947
CIELab	73.78, -17.88, 14.05
CIELCh	74, 22.742, 141.843
Yxy	46.3616, 0.3120, 0.3783
Android (android.graphics.Color)	4288528027 (0xFF9DBE9B)
YUV	176.1430, -10.4235, -16.7884
Hunter-Lab	68.0893, -18.9225, 14.6222

Details

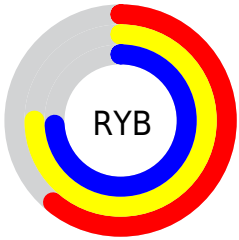
The RGB color 157, 190, 155 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 188, 155, 190, and the grayscale version is 176, 176, 176.

A 20% lighter version of the original color is 212, 246, 210, and 105, 137, 104 is the 20% darker color. If you saturate the color by 10%, you get 139, 190, 136, and if you desaturate by 10%, it is 175, 190, 174.

Distribution

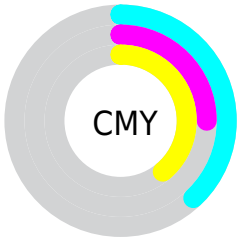


- Red (62%)
- Green (75%)
- Blue (61%)



- Red (61%)
- Yellow (75%)
- Blue (74%)

- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 190, 155 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 RGB color 157, 190, 155 by changing the saturation by 10% instead.

157, 190, 155

255, 255, 255

212, 246, 210

240, 255, 238

157, 190, 155

131, 163, 129

105, 137, 104

81, 111, 80

57, 87, 57

34, 63, 35

12, 41, 14

0, 22, 0

0, 0, 0

157, 190, 155

157, 190, 155

139, 190, 136

121, 190, 117

103, 190, 98

85, 190, 79

67, 190, 60

50, 190, 41

32, 190, 22

14, 190, 3

11, 190, 0

175, 190, 174

193, 190, 193

211, 190, 212

229, 190, 231

247, 190, 250

255, 190, 255

Harmonies

Analogous

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

181, 185, 142

157, 190, 155

135, 193, 175

Triad

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

157, 190, 155

149, 185, 222

225, 167, 167

Complementary

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

157, 190, 155

188, 155, 190

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.

219, 167, 188

157, 190, 155

177, 178, 220

Square

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

157, 190, 155

128, 190, 213

203, 171, 207

218, 171, 149

Rectangle

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

157, 190, 155

126, 193, 189

203, 171, 207

224, 166, 174

Sweetspot

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

157, 190, 155

233, 247, 233

190, 188, 155

117, 125, 116

252, 252, 252

125, 125, 125

Same Dimension

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

157, 190, 155

196, 247, 193

155, 190, 170

85, 94, 85

9, 158, 0

2, 31, 0

Inverse Universe

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

188, 155, 190

244, 193, 247

190, 155, 175

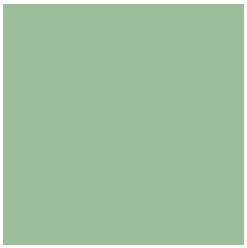
94, 85, 94

149, 0, 158

29, 0, 31

Previews

White Background

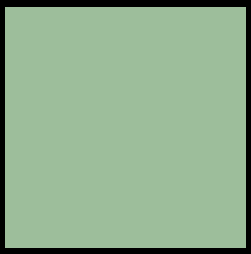


This preview shows how the RGB color 157, 190, 155 looks on a white background.

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



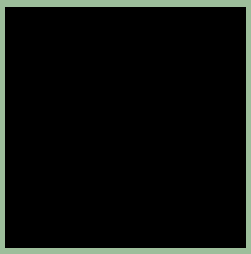
This preview shows how the RGB color 157, 190, 155 looks on a black background.

Color Contrast Check

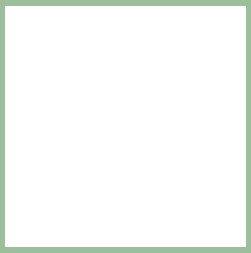
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 157, 190, 155 Background



This preview shows how black text looks on a background with the RGB color 157, 190, 155.



This preview shows how white text looks on a background with the RGB color 157, 190, 155.

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

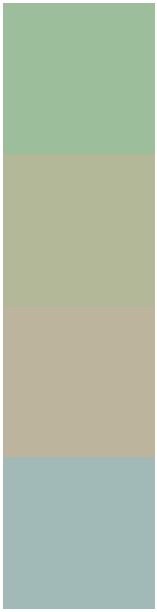
Original Color
157, 190, 155

Protanopia
191, 180, 150

Deuteranopia
206, 174, 158

Tritanopia
164, 184, 199

Trichromacy



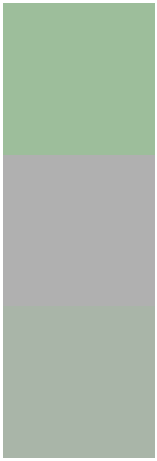
Original Color
157, 190, 155

Protanomaly
179, 184, 152

Deuteranomaly
188, 180, 157

Tritanomaly
161, 186, 183

Monochromacy



Original Color
157, 190, 155

Achromatopsia
176, 176, 176

Achromatomaly
169, 181, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 190, 155 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(157, 190, 155) looks like.

```
.text, #text, p{
    color:rgb(157, 190, 155)
}
```

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(157, 190, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 190, 155) }
```

Border

The CSS property to change the border of an element to RGB 157, 190, 155 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(157, 190, 155) }
```

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

```
.border{ border-color:rgb(157, 190, 155) }
```

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

Here you see how a box with a 4 pixel rgb(157, 190, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 190, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 190, 155); box-shadow:4px 4px 4px 4px rgb(157, 190, 155) }
```

Background

The CSS property to change the background color of an element to RGB 157, 190, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(157, 190, 155) }
```

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

```
.background{ background-color:rgb(157,
190, 155) }
```

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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