Converting Colors

RGB(107, 169, 137)

Have a look what the booklet for RGB(107, 169, 137) contains.

Color

RGB(107, 169, 137)

Conversions

Conversions Part 1

Format	Color
Hex	6BA989
RGB	107, 169, 137
RGB Percent	42%, 66%, 54%
CMY	0.5804, 0.3373, 0.4627
CMYK	0.37, 0.00, 0.19, 0.34
HSL	149°, 26%, 54%
HSV	149°, 37%, 66%
XYZ	24.7667, 33.3079, 28.7906
YIQ	146.8140, -26.6800, -23.0960

Conversions

Conversions Part 2

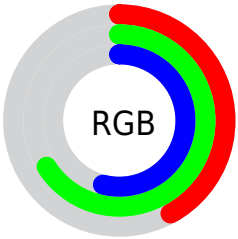
Format	Color
RYB	107, 149, 169
Decimal	7055753
CIELab	64.41, -27.23, 10.27
CIELCh	64, 29.104, 159.341
Yxy	33.3079, 0.2851, 0.3834
Android (android.graphics.Color)	4285245833 (0xFF6BA989)
YUV	146.8140, -4.8383, -34.9169
Hunter-Lab	57.7130, -24.3969, 10.8217

Details

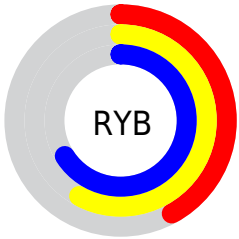
The RGB color 107, 169, 137 is a dark color, and the websafe version is hex 669966. A complement of this color would be 169, 107, 139, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 160, 225, 190, and 56, 116, 87 is the 20% darker color. If you saturate the color by 10%, you get 90, 169, 128, and if you desaturate by 10%, it is 124, 169, 146.

Distribution

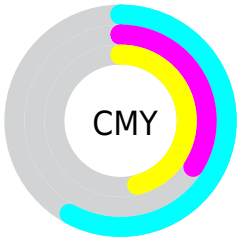


- Red (42%)
- Green (66%)
- Blue (54%)



- Red (42%)
- Yellow (58%)
- Blue (66%)

- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 169, 137 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 107, 169, 137 by changing the saturation by 10% instead.

107, 169, 137

255, 255, 255

160, 225, 190

188, 253, 218

216, 255, 247

245, 255, 255

107, 169, 137

81, 142, 112

56, 116, 87

29, 92, 64

0, 68, 42

0, 45, 21

0, 24, 0

0, 0, 0

107, 169, 137

90, 169, 128

107, 169, 137

124, 169, 146

73, 169, 120

56, 169, 111

39, 169, 102

22, 169, 93

6, 169, 85

0, 169, 82

141, 169, 154

158, 169, 163

175, 169, 172

191, 169, 181

208, 169, 189

225, 169, 198

242, 169, 207

255, 169, 216

Harmonies

Analogous

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

138, 164, 115

107, 169, 137

80, 171, 164

Triad

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

107, 169, 137

134, 156, 207

205, 140, 124

Complementary

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

107, 169, 137

169, 107, 139

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.

208, 137, 149

107, 169, 137

170, 147, 196

Square

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

107, 169, 137

96, 164, 204

196, 139, 175

190, 148, 108

Rectangle

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

107, 169, 137

71, 170, 181

196, 139, 175

207, 139, 132

Sweetspot

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

107, 169, 137

195, 219, 207

139, 169, 107

95, 110, 102

237, 237, 237

110, 110, 110

Same Dimension

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

107, 169, 137

123, 219, 169

107, 169, 168

76, 84, 80

0, 148, 72

0, 20, 10

Inverse Universe

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

169, 107, 139

219, 123, 173

169, 107, 108

84, 76, 80

148, 0, 76

20, 0, 11

Previews

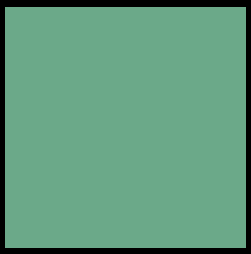
White Background

This preview shows how the RGB color 107, 169, 137 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



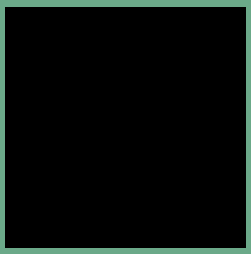
This preview shows how the RGB color 107, 169, 137 looks on a black background.

Color Contrast Check

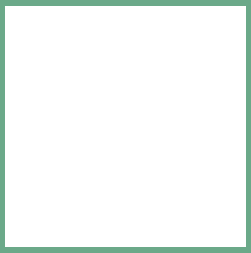
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 107, 169, 137 Background



This preview shows how black text looks on a background with the RGB color 107, 169, 137.



This preview shows how white text looks on a background with the RGB color 107, 169, 137.

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

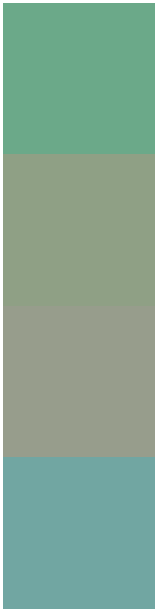
Original Color
107, 169, 137

Protanopia
164, 155, 130

Deuteranopia
176, 150, 141

Tritanopia
116, 164, 177

Trichromacy



Original Color
107, 169, 137

Protanomaly
143, 160, 133

Deuteranomaly
151, 157, 140

Tritanomaly
113, 166, 162

Monochromacy

Original Color
107, 169, 137

Achromatopsia
147, 147, 147

Achromatomaly
132, 155, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 169, 137 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(107, 169, 137) looks like.

```
.text, #text, p{
    color:rgb(107, 169, 137)
}
```

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(107, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 169, 137) }
```

Border

The CSS property to change the border of an element to RGB 107, 169, 137 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(107, 169, 137) }
```

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

```
.border{ border-color:rgb(107, 169, 137) }
```

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

Here you see how a box with a 4 pixel rgb(107, 169, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 169, 137); box-shadow:4px 4px 4px 4px rgb(107, 169, 137) }
```

Background

The CSS property to change the background color of an element to RGB 107, 169, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(107, 169, 137) }
```

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

```
.background{ background-color:rgb(107,
169, 137) }
```

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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