Converting Colors

RGB(154, 164, 147)

Have a look what the booklet for RGB(154, 164, 147) contains.

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Color

RGB(154, 164, 147)

Conversions

Conversions Part 1

Format	Color
Hex	9AA493
RGB	154, 164, 147
RGB Percent	60%, 64%, 58%
CMY	0.3961, 0.3569, 0.4235
CMYK	0.06, 0.00, 0.10, 0.36
HSL	95°, 9%, 61%
HSV	95°, 10%, 64%
XYZ	31.8683, 35.5275, 32.7816
YIQ	159.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

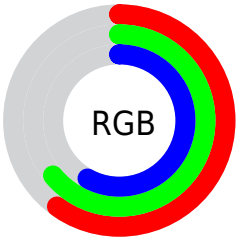
Format	Color
RYB	147, 164, 157
Decimal	10134675
CIELab	66.16, -6.77, 7.60
CIELCh	66, 10.181, 131.671
Yxy	35.5275, 0.3181, 0.3546
Android (android.graphics.Color)	4288324755 (0xFF9AA493)
YUV	159.0720, -5.9515, -4.4481
Hunter-Lab	59.6050, -8.8720, 9.1151

Details

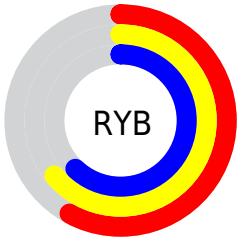
The RGB color 154, 164, 147 is a light color, and the websafe version is hex 999999. A complement of this color would be 157, 147, 164, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 208, 219, 201, and 103, 112, 96 is the 20% darker color. If you saturate the color by 10%, you get 144, 164, 131, and if you desaturate by 10%, it is 164, 164, 163.

Distribution

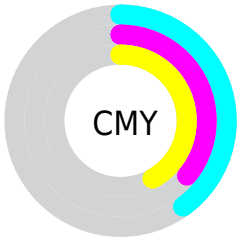


- Red (60%)
- Green (64%)
- Blue (58%)



- Red (58%)
- Yellow (64%)
- Blue (62%)

- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 164, 147 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 154, 164, 147 by changing the saturation by 10% instead.

154, 164, 147

255, 255, 255

208, 219, 201

237, 247, 229

154, 164, 147

128, 138, 121

103, 112, 96

79, 88, 73

56, 65, 50

34, 43, 29

13, 22, 4

0, 0, 0

154, 164, 147

144, 164, 131

154, 164, 147

164, 164, 163

135, 164, 114	173, 164, 180
125, 164, 98	183, 164, 196
115, 164, 81	193, 164, 213
106, 164, 65	202, 164, 229
96, 164, 49	212, 164, 245
86, 164, 32	222, 164, 255
77, 164, 16	231, 164, 255
68, 164, 0	241, 164, 255

Harmonies

Analogous

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

165, 161, 143

154, 164, 147

144, 166, 155

Triad

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

154, 164, 147

145, 163, 178

180, 155, 157

Complementary

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

154, 164, 147

157, 147, 164

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.

176, 155, 167

154, 164, 147

156, 160, 179

Square

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

154, 164, 147

139, 165, 173

167, 157, 174

180, 156, 149

Rectangle

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

154, 164, 147

140, 166, 161

167, 157, 174

179, 155, 161

Sweetspot

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

154, 164, 147

210, 214, 208

164, 157, 147

105, 107, 103

235, 235, 235

107, 107, 107

Same Dimension

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

154, 164, 147

199, 214, 188

147, 164, 148

77, 82, 73

60, 145, 0

7, 18, 0

Inverse Universe

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

157, 147, 164

204, 188, 214

164, 147, 163

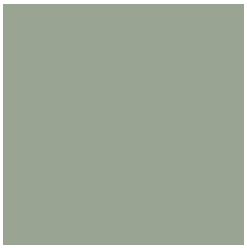
78, 73, 82

86, 0, 145

11, 0, 18

Previews

White Background

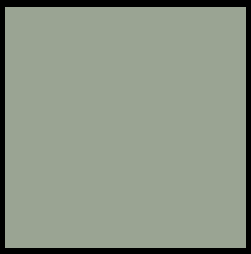


This preview shows how the RGB color 154, 164, 147 looks on a white background.

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



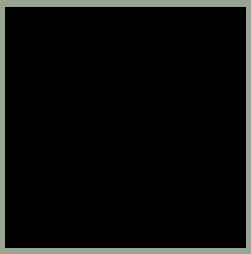
This preview shows how the RGB color 154, 164, 147 looks on a black background.

Color Contrast Check

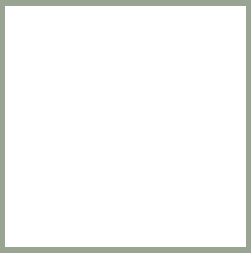
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 154, 164, 147 Background



This preview shows how black text looks on a background with the RGB color 154, 164, 147.



This preview shows how white text looks on a background with the RGB color 154, 164, 147.

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

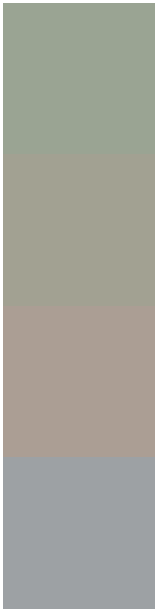
Original Color
154, 164, 147

Protanopia
167, 160, 145

Deuteranopia
181, 155, 149

Tritanopia
158, 160, 173

Trichromacy



Original Color
154, 164, 147

Protanomaly
162, 161, 146

Deuteranomaly
171, 158, 148

Tritanomaly
157, 161, 164

Monochromacy

Original Color
154, 164, 147

Achromatopsia
159, 159, 159

Achromatomaly
157, 161, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 164, 147 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(154, 164, 147) looks like.

```
.text, #text, p{
    color:rgb(154, 164, 147)
}
```

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(154, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 147) }
```

Border

The CSS property to change the border of an element to RGB 154, 164, 147 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(154, 164, 147) }
```

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

```
.border{ border-color:rgb(154, 164, 147) }
```

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

Here you see how a box with a 4 pixel rgb(154, 164, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 164, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 164, 147); box-shadow:4px 4px 4px 4px rgb(154, 164, 147) }
```

Background

The CSS property to change the background color of an element to RGB 154, 164, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(154, 164, 147) }
```

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

```
.background{ background-color:rgb(154,
164, 147) }
```

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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