Converting Colors

RGB(144, 190, 164)

Have a look what the booklet for RGB(144, 190, 164) contains.

Color

RGB(144, 190, 164)

Conversions

Conversions Part 1

Format	Color
Hex	90BEA4
RGB	144, 190, 164
RGB Percent	56%, 75%, 64%
CMY	0.4353, 0.2549, 0.3569
CMYK	0.24, 0.00, 0.14, 0.25
HSL	146°, 26%, 65%
HSV	146°, 24%, 75%
XYZ	36.6159, 45.4365, 41.9622
YIQ	173.2820, -19.0700, -17.8380

Conversions

Conversions Part 2

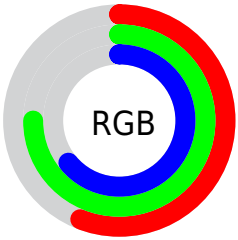
Format	Color
RYB	144, 176, 190
Decimal	9485988
CIELab	73.18, -20.57, 8.21
CIELCh	73, 22.153, 158.243
Yxy	45.4365, 0.2953, 0.3664
Android (android.graphics.Color)	4287676068 (0xFF90BEA4)
YUV	173.2820, -4.5760, -25.6803
Hunter-Lab	67.4066, -20.9988, 10.2752

Details

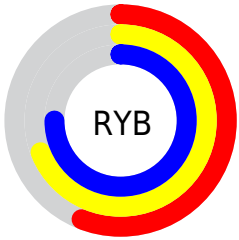
The RGB color 144, 190, 164 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 190, 144, 170, and the grayscale version is 173, 173, 173.

A 20% lighter version of the original color is 199, 246, 219, and 92, 136, 112 is the 20% darker color. If you saturate the color by 10%, you get 125, 190, 153, and if you desaturate by 10%, it is 163, 190, 175.

Distribution

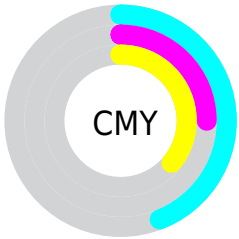


- Red (56%)
- Green (75%)
- Blue (64%)



- Red (56%)
- Yellow (69%)
- Blue (75%)

- Cyan (24%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (44%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 190, 164 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 144, 190, 164 by changing the saturation by 10% instead.

144, 190, 164

255, 255, 255

199, 246, 219

227, 255, 247

144, 190, 164

118, 163, 138

92, 136, 112

68, 111, 88

44, 86, 64

20, 63, 42

0, 41, 22

0, 19, 0

0, 0, 0

144, 190, 164

144, 190, 164

125, 190, 153

106, 190, 143

87, 190, 132

68, 190, 121

49, 190, 110

30, 190, 100

11, 190, 89

0, 190, 83

163, 190, 175

182, 190, 185

201, 190, 196

220, 190, 207

239, 190, 218

255, 190, 228

255, 190, 239

255, 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.

167, 186, 147

144, 190, 164

127, 191, 185

Triad

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

144, 190, 164

163, 180, 219

220, 168, 155

Complementary

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

144, 190, 164

190, 144, 170

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.

221, 165, 175

144, 190, 164

190, 173, 212

Square

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

144, 190, 164

138, 186, 217

211, 167, 195

208, 173, 143

Rectangle

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

144, 190, 164

123, 191, 198

211, 167, 195

221, 166, 161

Sweetspot

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

144, 190, 164

230, 247, 238

170, 190, 144

115, 125, 119

252, 252, 252

125, 125, 125

Same Dimension

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

144, 190, 164

176, 247, 207

144, 190, 187

85, 94, 89

0, 158, 69

0, 31, 13

Inverse Universe

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

190, 144, 170

247, 176, 216

190, 144, 147

94, 85, 90

158, 0, 89

31, 0, 17

Previews

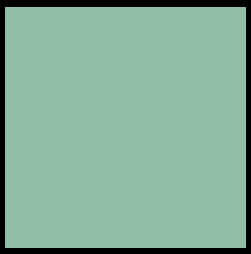
White Background

This preview shows how the RGB color 144, 190, 164 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



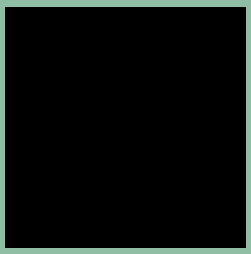
This preview shows how the RGB color 144, 190, 164 looks on a black background.

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 144, 190, 164 Background



This preview shows how black text looks on a background with the RGB color 144, 190, 164.

This preview shows how white text looks on a background with the RGB color 144, 190, 164.

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
144, 190, 164

Protanopia
187, 179, 158

Deuteranopia
201, 173, 168

Tritanopia
151, 185, 200

Trichromacy

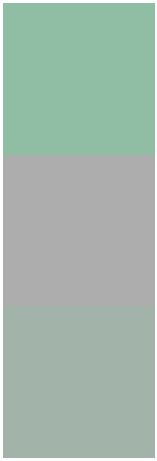
Original Color
144, 190, 164

Protanomaly
171, 183, 160

Deuteranomaly
180, 179, 167

Tritanomaly
148, 187, 187

Monochromacy



Original Color
144, 190, 164

Achromatopsia
173, 173, 173

Achromatomaly
162, 179, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 190, 164 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(144, 190, 164) looks like.

```
.text, #text, p{
    color:rgb(144, 190, 164)
}
```

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(144, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 190, 164) }
```

Border

The CSS property to change the border of an element to RGB 144, 190, 164 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(144, 190, 164) }
```

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

```
.border{ border-color:rgb(144, 190, 164) }
```

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

Here you see how a box with a 4 pixel rgb(144, 190, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 190, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 190, 164); box-shadow:4px 4px 4px 4px rgb(144, 190, 164) }
```

Background

The CSS property to change the background color of an element to RGB 144, 190, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 190, 164) }
```

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

```
.background{ background-color:rgb(144,
190, 164) }
```

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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