Converting Colors

RYB(140, 193, 182)

Have a look what the booklet for RYB(140, 193, 182) contains.

Color

RYB(140, 193, 182)

Conversions

Conversions Part 1

Format	Color
Hex	97C18C
RGB	151, 193, 140
RGB Percent	59%, 76%, 55%
CMY	0.4078, 0.2431, 0.4510
CMYK	0.22, 0.00, 0.27, 0.24
HSL	108°, 30%, 65%
HSV	108°, 27%, 76%
XYZ	36.5661, 46.6127, 31.8809
YIQ	174.4000, -8.0190, -25.3870

Conversions

Conversions Part 2

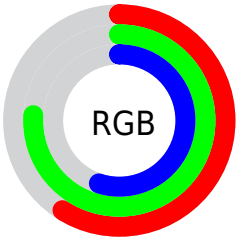
Format	Color
RYB	140, 193, 182
Decimal	9945484
CIELab	73.94, -24.03, 22.26
CIELCh	74, 32.758, 137.182
Yxy	46.6127, 0.3178, 0.4051
Android (android.graphics.Color)	4288135564 (0xFF97C18C)
YUV	174.4000, -16.9592, -20.5218
Hunter-Lab	68.2735, -23.8771, 20.1055

Details

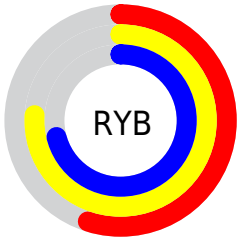
The RYB color 140, 193, 182 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 182, 140, 193, and the grayscale version is 175, 175, 175.

A 20% lighter version of the original color is 194, 250, 238, and 90, 139, 130 is the 20% darker color. If you saturate the color by 10%, you get 121, 193, 178, and if you desaturate by 10%, it is 159, 193, 186.

Distribution

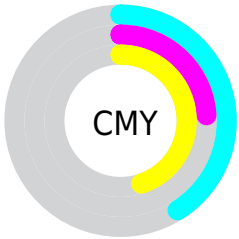


- Red (59%)
- Green (76%)
- Blue (55%)



- Red (55%)
- Yellow (76%)
- Blue (71%)

- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 193, 182 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 140, 193, 182 by changing the saturation by 10% instead.

140, 193, 182	140, 193, 182
255, 255, 255	114, 166, 155
194, 250, 238	90, 139, 130
222, 255, 243	66, 114, 106
250, 255, 250	43, 89, 82
	21, 65, 60
	0, 43, 38
	0, 22, 22
	0, 0, 0

140, 193, 182	140, 193, 182

121, 193, 178

101, 193, 174

82, 193, 170

63, 193, 166

44, 193, 162

24, 193, 158

5, 193, 154

0, 193, 153

159, 193, 186

179, 193, 190

197, 193, 198

212, 193, 217

227, 193, 237

243, 193, 255

255, 193, 255

Harmonies

Analogous

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

124, 185, 124

140, 193, 182

116, 166, 197

Triad

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

140, 193, 182

122, 164, 240

242, 160, 165

Complementary

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

140, 193, 182

182, 140, 193

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.

233, 161, 196

140, 193, 182

168, 178, 239

Square

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

140, 193, 182

87, 148, 225

207, 168, 223

235, 177, 139

Rectangle

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

140, 193, 182

95, 149, 198

207, 168, 223

241, 159, 175

Sweetspot

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

140, 193, 182

230, 250, 246

154, 193, 140

112, 125, 122

252, 252, 252

125, 125, 125

Same Dimension

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

140, 193, 182

167, 250, 232

140, 181, 193

87, 97, 95

0, 161, 128

0, 33, 26

Inverse Universe

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

182, 140, 193

233, 167, 250

193, 140, 178

95, 87, 97

127, 0, 161

26, 0, 33

Previews

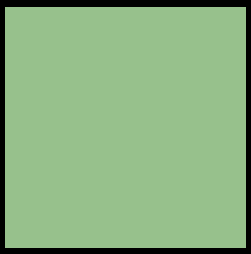
White Background

This preview shows how the RYB color 140, 193, 182 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



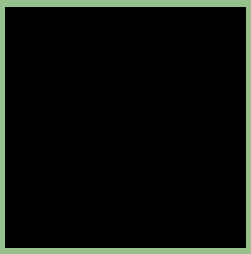
This preview shows how the RYB color 140, 193, 182 looks on a black background.

Color Contrast Check

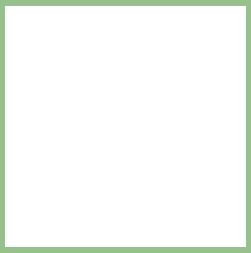
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 140, 193, 182 Background



This preview shows how black text looks on a background with the RYB color 140, 193, 182.

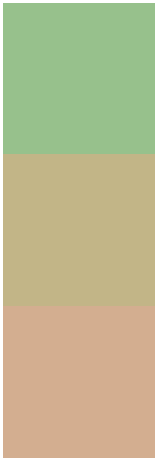


This preview shows how white text looks on a background with the RYB color 140, 193, 182.

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



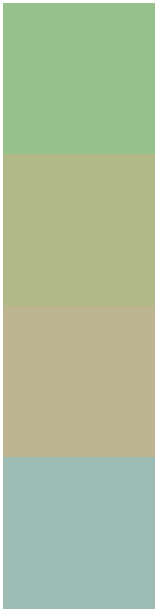
Original Color
140, 193, 182

Protanopia
152, 194, 135

Deuteranopia
211, 198, 144

Tritanopia
161, 176, 200

Trichromacy



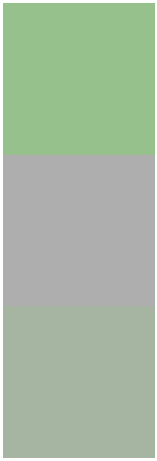
Original Color
140, 193, 182

Protanomaly
137, 185, 144

Deuteranomaly
153, 189, 143

Tritanomaly
157, 175, 188

Monochromacy



Original Color
140, 193, 182

Achromatopsia
174, 174, 174

Achromatomaly
162, 181, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 193, 182 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(151, 193, 140) looks like.

```
.text, #text, p{
    color:rgb(151, 193, 140)
}
```

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(151, 193, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 193, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 193, 182 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(151, 193, 140) }
```

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

```
.border{ border-color:rgb(151, 193, 140) }
```

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

Here you see how a box with a 4 pixel rgb(151, 193, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 193, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 193, 140); box-shadow:4px 4px 4px 4px rgb(151, 193, 140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 193, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(151, 193, 140) }
```

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

```
.background{ background-color:rgb(151,
193, 140) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor