Converting Colors

RYB(140, 172, 187)

Have a look what the booklet for RYB(140, 172, 187) contains.

Color

RYB(140, 172, 187)

Conversions

Conversions Part 1

Format	Color
Hex	8CBBA2
RGB	140, 187, 162
RGB Percent	55%, 73%, 64%
CMY	0.4510, 0.2667, 0.3646
CMYK	0.25, 0.00, 0.13, 0.27
HSL	148°, 26%, 64%
HSV	148°, 25%, 73%
XYZ	35.1099, 43.7258, 40.7864
YIQ	170.0970, -19.9870, -17.7390

Conversions

Conversions Part 2

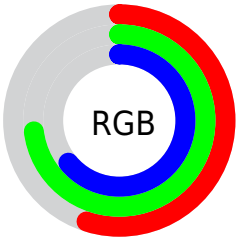
Format	Color
RYB	140, 172, 187
Decimal	9223074
CIELab	72.04, -20.75, 7.63
CIELCh	72, 22.105, 159.810
Yxy	43.7258, 0.2935, 0.3655
Android (android.graphics.Color)	4287413154 (0xFF8CBBA2)
YUV	170.0970, -3.9918, -26.3951
Hunter-Lab	66.1255, -20.9436, 9.7176

Details

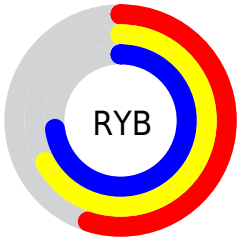
The RYB color 140, 172, 187 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 187, 140, 165, and the grayscale version is 170, 170, 170.

A 20% lighter version of the original color is 194, 227, 243, and 89, 120, 134 is the 20% darker color. If you saturate the color by 10%, you get 121, 166, 187, and if you desaturate by 10%, it is 159, 178, 187.

Distribution

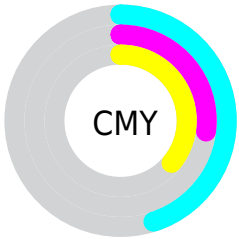


- Red (55%)
- Green (73%)
- Blue (64%)



- Red (55%)
- Yellow (67%)
- Blue (73%)

- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 172, 187 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, 172, 187 by changing the saturation by 10% instead.

140, 172, 187	140, 172, 187
255, 255, 255	114, 145, 160
194, 227, 243	89, 120, 134
223, 242, 255	64, 93, 108
251, 253, 255	40, 69, 84
	15, 44, 60
	0, 24, 38
	0, 14, 14
	0, 0, 0

140, 172, 187	140, 172, 187

121, 166, 187

103, 160, 187

84, 154, 187

65, 148, 187

47, 143, 187

28, 137, 187

9, 130, 187

0, 127, 187

159, 178, 187

177, 184, 187

196, 187, 192

215, 187, 202

234, 187, 212

252, 187, 222

255, 187, 232

255, 187, 242

255, 187, 251

Harmonies

Analogous

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

145, 183, 166

140, 172, 187

124, 157, 188

Triad

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

140, 172, 187

162, 173, 216

216, 168, 152

Complementary

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

140, 172, 187

187, 140, 165

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.

218, 162, 171

140, 172, 187

188, 169, 208

Square

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

140, 172, 187

136, 165, 214

208, 164, 191

204, 202, 139

Rectangle

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

140, 172, 187

120, 156, 196

208, 164, 191

218, 165, 157

Sweetspot

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

140, 172, 187

223, 236, 242

140, 187, 162

110, 118, 122

250, 250, 250

122, 122, 122

Same Dimension

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

140, 172, 187

170, 219, 242

140, 164, 187

85, 91, 94

0, 108, 158

0, 21, 31

Inverse Universe

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

187, 140, 165

242, 170, 208

187, 140, 142

94, 85, 90

158, 0, 84

31, 0, 16

Previews

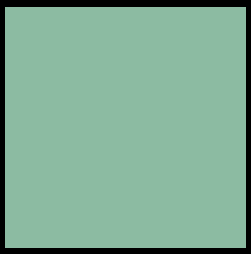
White Background

This preview shows how the RYB color 140, 172, 187 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



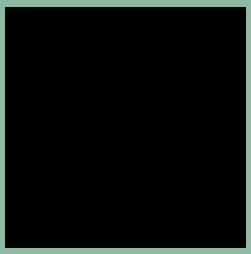
This preview shows how the RYB color 140, 172, 187 looks on a black background.

Color Contrast Check

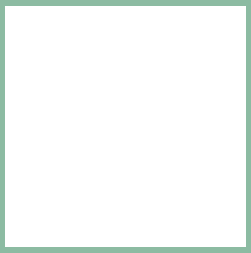
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 140, 172, 187 Background



This preview shows how black text looks on a background with the RYB color 140, 172, 187.



This preview shows how white text looks on a background with the RYB color 140, 172, 187.

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

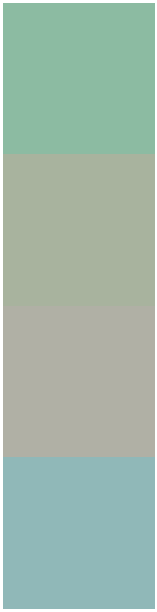
Original Color
140, 172, 187

Protanopia
169, 184, 156

Deuteranopia
197, 171, 166

Tritanopia
147, 168, 197

Trichromacy



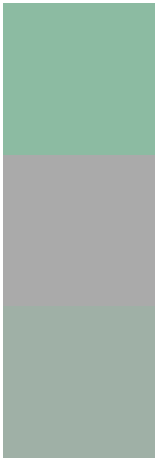
Original Color
140, 172, 187

Protanomaly
158, 179, 169

Deuteranomaly
165, 176, 165

Tritanomaly
144, 164, 184

Monochromacy



Original Color
140, 172, 187

Achromatopsia
170, 170, 170

Achromatomaly
159, 171, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 172, 187 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(140, 187, 162) looks like.

```
.text, #text, p{
    color:rgb(140, 187, 162)
}
```

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(140, 187, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 187, 162) }
```

Border

The CSS property to change the border of an element to RYB 140, 172, 187 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(140, 187, 162) }
```

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

```
.border{ border-color:rgb(140, 187, 162) }
```

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

Here you see how a box with a 4 pixel rgb(140, 187, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 187, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 187, 162); box-shadow:4px 4px 4px 4px rgb(140, 187, 162) }
```

Background

The CSS property to change the background color of an element to RYB 140, 172, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 187, 162) }
```

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

```
.background{ background-color:rgb(140,
187, 162) }
```

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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