Converting Colors

RYB(137, 182, 172)

Have a look what the booklet for RYB(137, 182, 172) contains.

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Color

RYB(137, 182, 172)

Conversions

Conversions Part 1

Format	Color
Hex	93B689
RGB	147, 182, 137
RGB Percent	58%, 71%, 54%
CMY	0.4235, 0.2863, 0.4627
CMYK	0.19, 0.00, 0.25, 0.29
HSL	107°, 24%, 63%
HSV	107°, 25%, 71%
XYZ	33.2759, 41.4651, 29.9166
YIQ	166.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

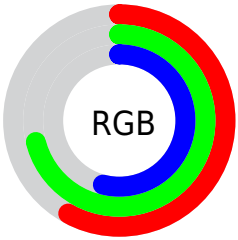
Format	Color
RYB	137, 182, 172
Decimal	9680521
CIELab	70.50, -20.45, 19.12
CIELCh	71, 27.994, 136.927
Yxy	41.4651, 0.3180, 0.3962
Android (android.graphics.Color)	4287870601 (0xFF93B689)
YUV	166.4050, -14.4967, -17.0182
Hunter-Lab	64.3934, -20.4468, 17.5297

Details

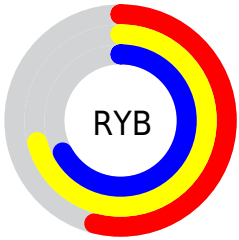
The RYB color 137, 182, 172 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 172, 137, 182, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 191, 238, 227, and 87, 129, 120 is the 20% darker color. If you saturate the color by 10%, you get 119, 182, 168, and if you desaturate by 10%, it is 155, 182, 176.

Distribution

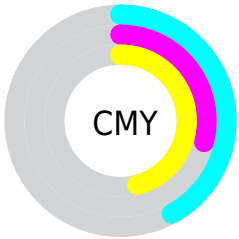


- Red (58%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (71%)
- Blue (67%)

- Cyan (19%)
- Magenta (0%)
- Yellow (25%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 182, 172 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 137, 182, 172 by changing the saturation by 10% instead.

137, 182, 172

255, 255, 255

191, 238, 227

218, 255, 243

247, 255, 247

137, 182, 172

111, 155, 145

87, 129, 120

63, 104, 96

41, 79, 72

20, 56, 51

0, 35, 31

0, 3, 3

0, 0, 0

137, 182, 172

137, 182, 172

119, 182, 168	155, 182, 176
101, 182, 164	173, 182, 180
82, 182, 159	189, 182, 192
64, 182, 156	204, 182, 210
46, 182, 152	218, 182, 228
28, 182, 148	232, 182, 246
10, 182, 144	246, 182, 255
0, 182, 142	255, 182, 255

Harmonies

Analogous

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

124, 176, 123

137, 182, 172

118, 160, 186

Triad

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

137, 182, 172

124, 159, 221

224, 154, 159

Complementary

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

137, 182, 172

172, 137, 182

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.

216, 155, 185

137, 182, 172

161, 169, 221

Square

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

137, 182, 172

98, 146, 209

194, 161, 207

218, 168, 136

Rectangle

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

137, 182, 172

102, 147, 187

194, 161, 207

223, 154, 167

Sweetspot

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

137, 182, 172

221, 237, 234

150, 182, 137

110, 120, 118

247, 247, 247

120, 120, 120

Same Dimension

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

137, 182, 172

166, 237, 221

137, 173, 182

83, 92, 90

0, 156, 121

0, 28, 22

Inverse Universe

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

172, 137, 182

221, 166, 237

182, 137, 170

90, 83, 92

121, 0, 156

22, 0, 28

Previews

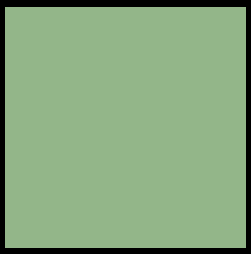
White Background

This preview shows how the RYB color 137, 182, 172 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



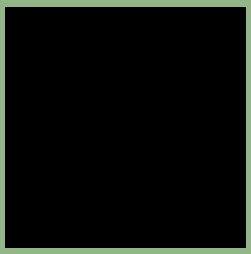
This preview shows how the RYB color 137, 182, 172 looks on a black background.

Color Contrast Check

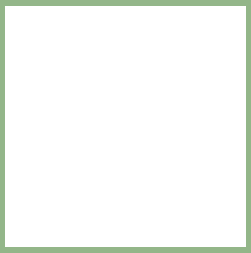
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 137, 182, 172 Background



This preview shows how black text looks on a background with the RYB color 137, 182, 172.



This preview shows how white text looks on a background with the RYB color 137, 182, 172.

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
137, 182, 172

Protanopia
148, 184, 132

Deuteranopia
199, 182, 141

Tritanopia
155, 168, 189

Trichromacy

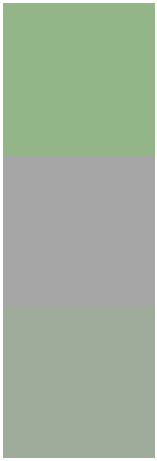
Original Color
137, 182, 172

Protanomaly
134, 176, 139

Deuteranomaly
152, 180, 140

Tritanomaly
152, 167, 178

Monochromacy



Original Color
137, 182, 172

Achromatopsia
166, 166, 166

Achromatomaly
155, 172, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 182, 172 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(147, 182, 137) looks like.

```
.text, #text, p{
    color:rgb(147, 182, 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(147, 182, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 182, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 182, 172 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(147, 182, 137) }
```

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

```
.border{ border-color:rgb(147, 182, 137) }
```

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

Here you see how a box with a 4 pixel rgb(147, 182, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 182, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 182, 137); box-shadow:4px 4px 4px 4px rgb(147, 182, 137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 182, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 182, 137) }
```

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

```
.background{ background-color:rgb(147,
182, 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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