Converting Colors

RYB(131, 172, 171)

Have a look what the booklet for RYB(131, 172, 171) contains.

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Color

RYB(131, 172, 171)

Conversions

Conversions Part 1

Format	Color
Hex	84AC83
RGB	132, 172, 131
RGB Percent	52%, 67%, 51%
CMY	0.4824, 0.3255, 0.4863
CMYK	0.23, 0.00, 0.24, 0.33
HSL	119°, 20%, 59%
HSV	119°, 24%, 67%
XYZ	28.3650, 36.0493, 26.9359
YIQ	155.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

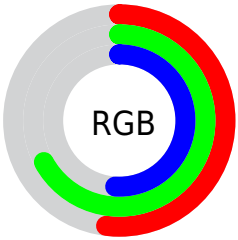
Format	Color
RYB	131, 172, 171
Decimal	8694915
CIELab	66.56, -21.72, 16.79
CIELCh	67, 27.452, 142.296
Yxy	36.0493, 0.3105, 0.3946
Android (android.graphics.Color)	4286884995 (0xFF84AC83)
YUV	155.3660, -12.0124, -20.4920
Hunter-Lab	60.0410, -20.7437, 15.4297

Details

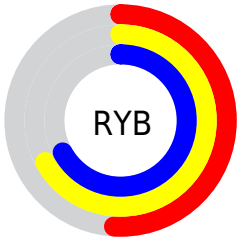
The RYB color 131, 172, 171 is a dark color, and the websafe version is hex 669966. A complement of this color would be 171, 131, 172, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 184, 228, 226, and 81, 120, 120 is the 20% darker color. If you saturate the color by 10%, you get 114, 172, 171, and if you desaturate by 10%, it is 148, 172, 171.

Distribution

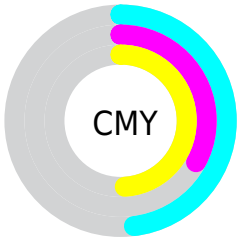


- Red (52%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (67%)

- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 172, 171 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 131, 172, 171 by changing the saturation by 10% instead.

131, 172, 171

255, 255, 255

184, 228, 226

212, 255, 253

240, 255, 253

131, 172, 171

106, 145, 145

81, 120, 120

57, 94, 95

34, 69, 71

10, 44, 48

0, 29, 29

0, 0, 0

131, 172, 171

114, 172, 171

131, 172, 171

148, 172, 171

97, 172, 171

79, 172, 169

62, 172, 169

45, 172, 169

28, 172, 169

11, 172, 168

0, 172, 168

165, 172, 171

182, 172, 183

199, 172, 200

216, 172, 217

233, 172, 234

249, 172, 251

255, 172, 255

Harmonies

Analogous

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

116, 166, 122

131, 172, 171

104, 146, 175

Triad

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

131, 172, 171

121, 151, 210

212, 144, 144

Complementary

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

131, 172, 171

171, 131, 172

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.

206, 144, 169

131, 172, 171

157, 158, 207

Square

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

131, 172, 171

92, 138, 200

187, 149, 192

204, 163, 124

Rectangle

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

131, 172, 171

90, 134, 176

187, 149, 192

211, 144, 152

Sweetspot

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

131, 172, 171

209, 224, 224

132, 172, 131

103, 112, 112

240, 240, 240

112, 112, 112

Same Dimension

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

131, 172, 171

159, 224, 222

131, 159, 172

78, 87, 87

0, 150, 146

0, 23, 22

Inverse Universe

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

171, 131, 172

223, 159, 224

172, 131, 153

86, 78, 87

147, 0, 150

22, 0, 23

Previews

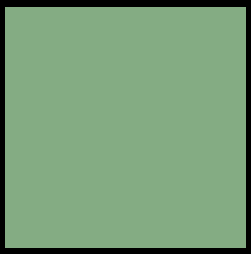
White Background

This preview shows how the RYB color 131, 172, 171 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



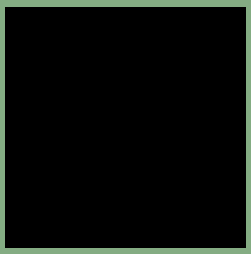
This preview shows how the RYB color 131, 172, 171 looks on a black background.

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 131, 172, 171 Background



This preview shows how black text looks on a background with the RYB color 131, 172, 171.

This preview shows how white text looks on a background with the RYB color 131, 172, 171.

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
131, 172, 171

Protanopia
140, 172, 126

Deuteranopia
186, 168, 135

Tritanopia
140, 156, 179

Trichromacy

Original Color
131, 172, 171

Protanomaly
128, 165, 136

Deuteranomaly
140, 166, 134

Tritanomaly
137, 154, 168

Monochromacy

Original Color
131, 172, 171

Achromatopsia
155, 155, 155

Achromatomaly
146, 161, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 172, 171 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(132, 172, 131) looks like.

```
.text, #text, p{
    color:rgb(132, 172, 131)
}
```

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(132, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 172, 171 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(132, 172, 131) }
```

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

```
.border{ border-color:rgb(132, 172, 131) }
```

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

Here you see how a box with a 4 pixel rgb(132, 172, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 172, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 172, 131); box-shadow:4px 4px 4px 4px rgb(132, 172, 131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 172, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(132, 172, 131) }
```

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

```
.background{ background-color:rgb(132,
172, 131) }
```

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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