Converting Colors

RYB(145, 174, 171)

Have a look what the booklet for RYB(145, 174, 171) contains.

Color

RYB(145, 174, 171)

Conversions

Conversions Part 1

Format	Color
Hex	94AE91
RGB	148, 174, 145
RGB Percent	58%, 68%, 57%
CMY	0.4196, 0.3176, 0.4314
CMYK	0.15, 0.00, 0.17, 0.32
HSL	114°, 15%, 63%
HSV	114°, 17%, 68%
XYZ	32.4596, 38.6123, 32.5302
YIQ	162.9200, -6.1870, -14.5310

Conversions

Conversions Part 2

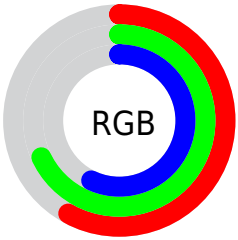
Format	Color
RYB	145, 174, 171
Decimal	9744017
CIELab	68.47, -14.60, 11.93
CIELCh	68, 18.857, 140.735
Yxy	38.6123, 0.3133, 0.3727
Android (android.graphics.Color)	4287934097 (0xFF94AE91)
YUV	162.9200, -8.8346, -13.0848
Hunter-Lab	62.1388, -15.4994, 12.4584

Details

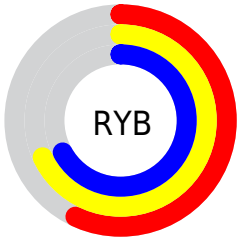
The RYB color 145, 174, 171 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 171, 145, 174, and the grayscale version is 163, 163, 163.

A 20% lighter version of the original color is 199, 230, 227, and 95, 122, 120 is the 20% darker color. If you saturate the color by 10%, you get 128, 174, 170, and if you desaturate by 10%, it is 162, 174, 172.

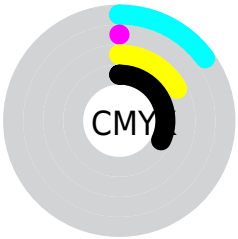
Distribution



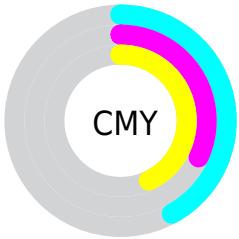
- Red (58%)
- Green (68%)
- Blue (57%)



- Red (57%)
- Yellow (68%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 174, 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 145, 174, 171 by changing the saturation by 10% instead.

145, 174, 171

255, 255, 255

199, 230, 227

227, 255, 252

145, 174, 171

119, 147, 144

95, 122, 120

71, 97, 95

48, 73, 71

27, 50, 49

1, 29, 24

0, 0, 0

145, 174, 171

128, 174, 170

145, 174, 171

162, 174, 172

110, 174, 167

93, 174, 166

75, 174, 163

58, 174, 162

41, 174, 161

23, 174, 158

6, 174, 157

0, 174, 156

179, 174, 180

195, 174, 197

210, 174, 215

226, 174, 232

242, 174, 249

255, 174, 255

Harmonies

Analogous

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

135, 170, 137

145, 174, 171

131, 158, 176

Triad

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

145, 174, 171

141, 160, 200

203, 155, 156

Complementary

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

145, 174, 171

171, 145, 174

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.

198, 155, 173

145, 174, 171

163, 164, 199

Square

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

145, 174, 171

125, 153, 193

184, 159, 189

198, 167, 141

Rectangle

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

145, 174, 171

123, 151, 177

184, 159, 189

202, 155, 161

Sweetspot

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

145, 174, 171

216, 227, 226

148, 174, 145

108, 115, 114

242, 242, 242

115, 115, 115

Same Dimension

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

145, 174, 171

182, 227, 223

145, 166, 174

78, 87, 86

0, 150, 134

0, 23, 21

Inverse Universe

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

171, 145, 174

222, 182, 227

174, 145, 163

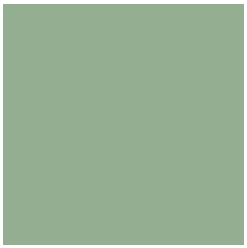
86, 78, 87

135, 0, 150

21, 0, 23

Previews

White Background

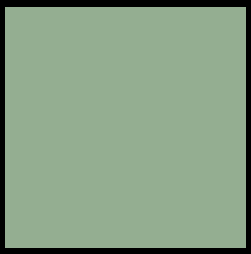


This preview shows how the RYB color 145, 174, 171 looks on a white background.

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



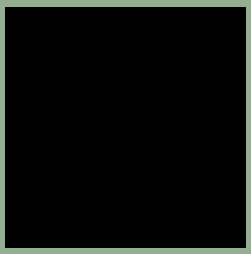
This preview shows how the RYB color 145, 174, 171 looks on a black background.

Color Contrast Check

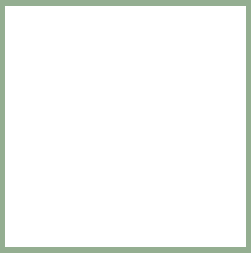
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 145, 174, 171 Background



This preview shows how black text looks on a background with the RYB color 145, 174, 171.



This preview shows how white text looks on a background with the RYB color 145, 174, 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

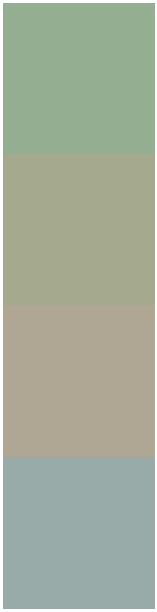
Original Color
145, 174, 171

Protanopia
153, 175, 141

Deuteranopia
190, 167, 148

Tritanopia
154, 164, 182

Trichromacy



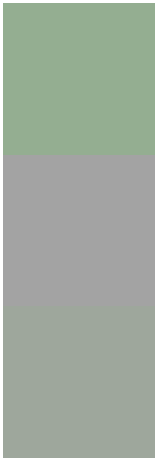
Original Color
145, 174, 171

Protanomaly
142, 169, 146

Deuteranomaly
160, 175, 147

Tritanomaly
152, 162, 171

Monochromacy



Original Color
145, 174, 171

Achromatopsia
163, 163, 163

Achromatomaly
156, 167, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 174, 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(148, 174, 145) looks like.

```
.text, #text, p{
    color:rgb(148, 174, 145)
}
```

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(148, 174, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 174, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 174, 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(148, 174, 145) }
```

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

```
.border{ border-color:rgb(148, 174, 145) }
```

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

Here you see how a box with a 4 pixel rgb(148, 174, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 174, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 174, 145); box-shadow:4px 4px 4px 4px rgb(148, 174, 145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 174, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(148, 174, 145) }
```

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

```
.background{ background-color:rgb(148,
174, 145) }
```

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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