Converting Colors

RYB(146, 175, 173)

Have a look what the booklet for RYB(146, 175, 173) contains.

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Color

RYB(146, 175, 173)

Conversions

Conversions Part 1

Format	Color
Hex	94AF92
RGB	148, 175, 146
RGB Percent	58%, 69%, 57%
CMY	0.4196, 0.3137, 0.4275
CMYK	0.15, 0.00, 0.17, 0.31
HSL	116°, 15%, 63%
HSV	116°, 17%, 69%
XYZ	32.7310, 39.0312, 33.0028
YIQ	163.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

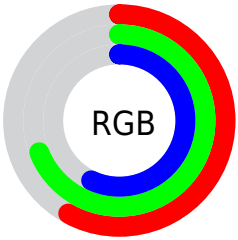
Format	Color
RYB	146, 175, 173
Decimal	9744274
CIELab	68.77, -14.94, 11.82
CIELCh	69, 19.048, 141.662
Yxy	39.0312, 0.3124, 0.3726
Android (android.graphics.Color)	4287934354 (0xFF94AF92)
YUV	163.6210, -8.6872, -13.6996
Hunter-Lab	62.4749, -15.8138, 12.4121

Details

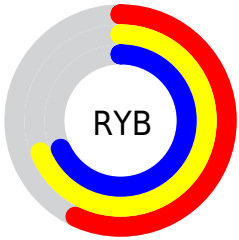
The RYB color 146, 175, 173 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 173, 146, 175, and the grayscale version is 164, 164, 164.

A 20% lighter version of the original color is 200, 231, 229, and 95, 122, 120 is the 20% darker color. If you saturate the color by 10%, you get 129, 175, 172, and if you desaturate by 10%, it is 163, 175, 174.

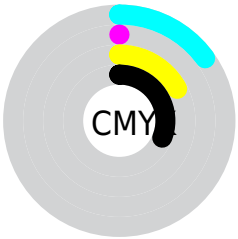
Distribution



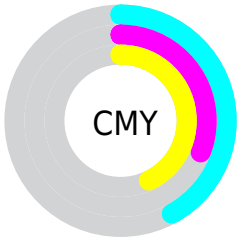
- Red (58%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (68%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 175, 173 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 146, 175, 173 by changing the saturation by 10% instead.

146, 175, 173

255, 255, 255

200, 231, 229

228, 255, 253

146, 175, 173

120, 148, 146

95, 122, 120

72, 98, 97

49, 74, 73

28, 51, 51

3, 30, 27

0, 0, 0

146, 175, 173

129, 175, 172

146, 175, 173

163, 175, 174

111, 175, 171

94, 175, 170

76, 175, 168

58, 175, 166

41, 175, 166

23, 175, 164

6, 175, 163

0, 175, 163

181, 175, 181

197, 175, 199

213, 175, 216

229, 175, 234

246, 175, 251

255, 175, 255

Harmonies

Analogous

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

136, 171, 139

146, 175, 173

131, 158, 177

Triad

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

146, 175, 173

142, 161, 201

204, 156, 156

Complementary

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

146, 175, 173

173, 146, 175

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.

199, 156, 173

146, 175, 173

165, 165, 200

Square

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

146, 175, 173

125, 154, 194

186, 159, 189

199, 169, 141

Rectangle

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

146, 175, 173

123, 152, 178

186, 159, 189

203, 156, 162

Sweetspot

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

146, 175, 173

216, 227, 227

148, 175, 146

108, 115, 115

242, 242, 242

115, 115, 115

Same Dimension

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

146, 175, 173

182, 227, 224

146, 167, 175

78, 87, 86

0, 150, 140

0, 23, 21

Inverse Universe

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

173, 146, 175

224, 182, 227

175, 146, 163

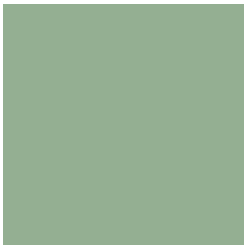
86, 78, 87

140, 0, 150

21, 0, 23

Previews

White Background

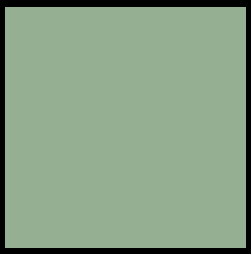


This preview shows how the RYB color 146, 175, 173 looks on a white background.

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



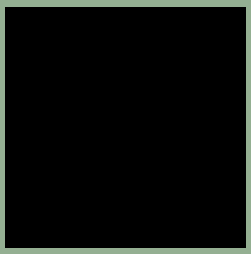
This preview shows how the RYB color 146, 175, 173 looks on a black background.

Color Contrast Check

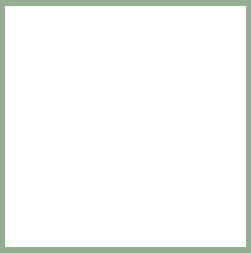
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 146, 175, 173 Background



This preview shows how black text looks on a background with the RYB color 146, 175, 173.



This preview shows how white text looks on a background with the RYB color 146, 175, 173.

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

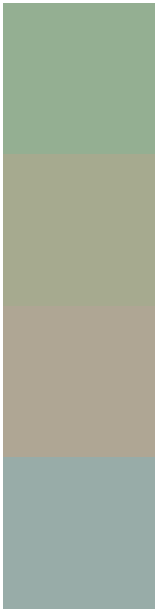
Original Color
146, 175, 173

Protanopia
154, 176, 142

Deuteranopia
190, 166, 149

Tritanopia
154, 164, 183

Trichromacy



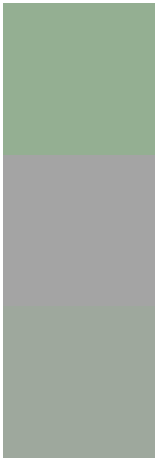
Original Color
146, 175, 173

Protanomaly
143, 170, 147

Deuteranomaly
162, 175, 148

Tritanomaly
152, 163, 172

Monochromacy



Original Color
146, 175, 173

Achromatopsia
164, 164, 164

Achromatomaly
157, 168, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 175, 173 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, 175, 146) looks like.

```
.text, #text, p{
    color:rgb(148, 175, 146)
}
```

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, 175, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 175, 146) }
```

Border

The CSS property to change the border of an element to RYB 146, 175, 173 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, 175, 146) }
```

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

```
.border{ border-color:rgb(148, 175, 146) }
```

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

Here you see how a box with a 4 pixel rgb(148, 175, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 175, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 175, 146); box-shadow:4px 4px 4px 4px rgb(148, 175, 146) }
```

Background

The CSS property to change the background color of an element to RYB 146, 175, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(148, 175, 146) }
```

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

```
.background{ background-color:rgb(148,
175, 146) }
```

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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