

Converting Colors

`RYB(139, 169, 174)`

Have a look what the booklet for
RYB(139, 169, 174) contains.

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Color

R_YB(139, 169, 174)

Conversions

Conversions Part 1

Format	Color
Hex	8BAE91
RGB	139, 174, 145
RGB Percent	55%, 68%, 57%
CMY	0.4549, 0.3176, 0.4320
CMYK	0.20, 0.00, 0.17, 0.32
HSL	130°, 18%, 61%
HSV	130°, 20%, 68%
XYZ	30.8815, 37.8003, 32.3893
YIQ	160.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

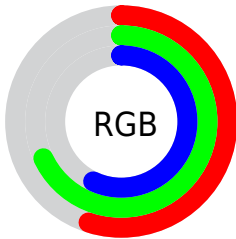
Format	Color
RYB	139, 169, 174
Decimal	9154193
CIELab	67.87, -17.79, 11.10
CIELCh	68, 20.967, 148.035
Yxy	37.8003, 0.3055, 0.3740
Android (android.graphics.Color)	4287344273 (0xFF8BAE91)
YUV	160.2290, -7.5079, -18.6178
Hunter-Lab	61.4819, -17.9353, 11.8028

Details

The RYB color **139, 169, 174** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174, 139, 168**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **193, 225, 230**, and **88, 115, 121** is the 20% darker color. If you saturate the color by 10%, you get **122, 167, 174**, and if you desaturate by 10%, it is **156, 171, 174**.

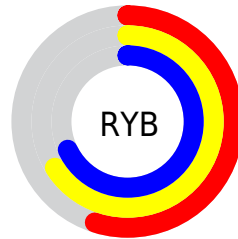
Distribution



Red (55%)

Green (68%)

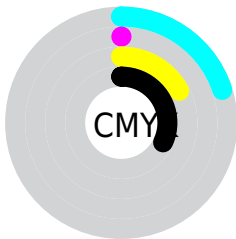
Blue (57%)



Red (55%)

Yellow (66%)

Blue (68%)

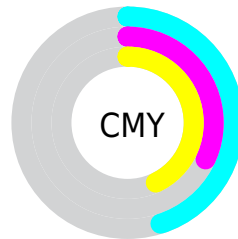


Cyan (20%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 169, 174 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 139, 169, 174 by changing the saturation by 10% instead.

 139, 169, 174

255, 255, 255


 193, 225, 230

 221, 250, 255


 250, 253, 255

 139, 169, 174

 113, 142, 147

 88, 116, 121

 64, 91, 97

 41, 67, 73

 19, 44, 50

 0, 28, 29


 0, 0, 0

 139, 169, 174


 122, 167, 174


 139, 169, 174


 156, 171, 174

 104, 164, 174


 174, 174, 174

 87, 162, 174


 191, 174, 188

 69, 159, 174


 209, 174, 203

 52, 157, 174

 226, 174, 217

 35, 154, 174

 243, 174, 232

 17, 152, 174

 255, 174, 246

 0, 149, 174

 255, 174, 255

Harmonies

Analogous

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



132, 170, 141



139, 169, 174



121, 152, 176

Triad

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



139, 169, 174



141, 159, 203



204, 153, 148

Complementary

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



139, 169, 174



174, 139, 168

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.



202, 152, 167



139, 169, 174



167, 161, 199

Square

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



139, 169, 174



120, 151, 197



189, 155, 186



197, 170, 134

Rectangle

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



139, 169, 174



114, 145, 176



189, 155, 186



205, 152, 154

Sweetspot

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



139, 169, 174



213, 225, 227



139, 174, 145



107, 114, 115



242, 242, 242



115, 115, 115

Same Dimension

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



139, 169, 174



172, 219, 227



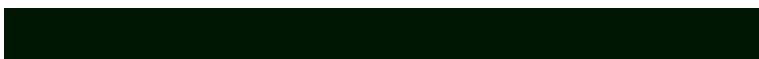
139, 160, 174



78, 86, 87



0, 129, 150



0, 20, 23

Inverse Universe

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



174, 139, 168



227, 172, 218



174, 139, 151



87, 78, 85



150, 0, 125



23, 0, 19

Previews

White Background



This preview shows how the RYB color 139, 169, 174 looks on a white background.

Color Contrast Check

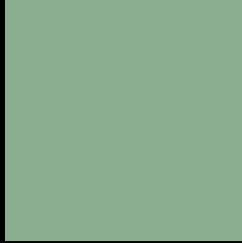
Large Text (above 18pt) WCAG AA × Fail

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 139, 169, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

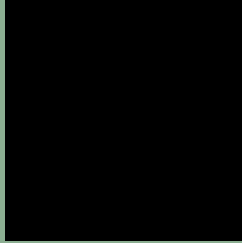
Any Text WCAG AA ✓ Pass

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 139, 169, 174 Background



This preview shows how black text looks on a background with the RYB color 139, 169, 174.

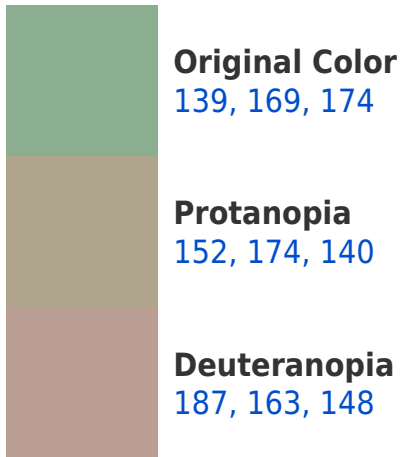


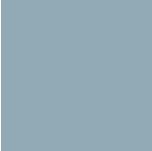
This preview shows how white text looks on a background with the RYB color 139, 169, 174.

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





Tritanopia
146, 160, 182

Trichromacy



Original Color
139, 169, 174

Protanomaly
142, 168, 149

Deuteranomaly
155, 170, 147

Tritanomaly
143, 158, 171

Monochromacy



Original Color
139, 169, 174

Achromatopsia
160, 160, 160

Achromatomaly
152, 163, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 169, 174 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(139, 174, 145)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 174, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 174, 145) }
```

Border

The CSS property to change the border of an element to RYB 139, 169, 174 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(139, 174, 145) }
```

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

```
.border{ border-color:rgb(139, 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(139, 174, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 174, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 174, 145);  
box-shadow:4px 4px 4px 4px rgb(139, 174,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 139, 174, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 174, 145) }
```

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

```
.background{ background-color: rgb(139,  
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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