

Converting Colors

`RYB(115, 169, 140)`

Have a look what the booklet for
RYB(115, 169, 140) contains.

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Color

R_YB(115, 169, 140)

Conversions

Conversions Part 1

Format	Color
Hex	90A973
RGB	144, 169, 115
RGB Percent	56%, 66%, 45%
CMY	0.4353, 0.3373, 0.5490
CMYK	0.15, 0.00, 0.32, 0.34
HSL	88°, 24%, 56%
HSV	88°, 32%, 66%
XYZ	28.7841, 35.5430, 21.5631
YIQ	155.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

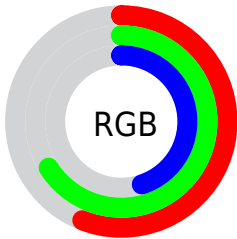
Format	Color
RYB	115, 169, 140
Decimal	9480563
CIELab	66.17, -18.41, 25.09
CIELCh	66, 31.122, 126.263
Yxy	35.5430, 0.3351, 0.4138
Android (android.graphics.Color)	4287670643 (0xFF90A973)
YUV	155.3690, -19.9019, -9.9706
Hunter-Lab	59.6180, -18.1501, 20.2881

Details

The RYB color **115, 169, 140** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **140, 115, 169**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **167, 224, 193**, and **66, 117, 90** is the 20% darker color. If you saturate the color by 10%, you get **98, 169, 131**, and if you desaturate by 10%, it is **132, 169, 149**.

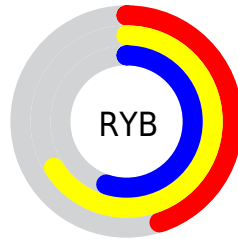
Distribution



Red (56%)

Green (66%)

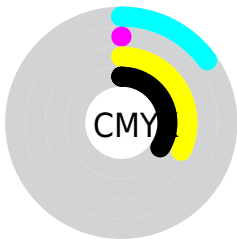
Blue (45%)



Red (45%)

Yellow (66%)

Blue (55%)

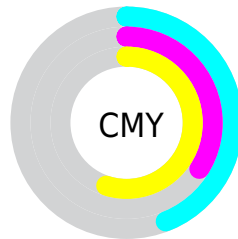


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 169, 140 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 115, 169, 140 by changing the saturation by 10% instead.

 115, 169, 140

255, 255, 255


 167, 224, 193

 195, 253, 221


 223, 255, 223

 251, 255, 251

 115, 169, 140


 98, 169, 131

 115, 169, 140

 90, 142, 114

 66, 117, 90

 43, 92, 67

 21, 68, 44

 0, 46, 22

 0, 27, 27

 0, 0, 0

 115, 169, 140

 132, 169, 149

81, 169, 122

149, 169, 158

64, 169, 112

166, 169, 168

47, 169, 103

175, 169, 183

30, 169, 94

183, 169, 199

14, 169, 86

191, 169, 216

0, 169, 78

199, 169, 233

207, 169, 250

214, 169, 255

Harmonies

Analogous

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



121, 174, 105



115, 169, 140



111, 156, 174

Triad

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



115, 169, 140



90, 138, 211



215, 140, 156

Complementary

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



115, 169, 140



140, 115, 169

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.



201, 143, 184



115, 169, 140



132, 154, 216

Square

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



115, 169, 140



65, 124, 193



172, 152, 206



214, 146, 129

Rectangle

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



115, 169, 140



89, 138, 176



172, 152, 206



212, 140, 165

Sweetspot

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



115, 169, 140



197, 219, 207



169, 158, 115



96, 110, 102



237, 237, 237



110, 110, 110

Same Dimension

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



115, 169, 140



136, 219, 174



115, 169, 166



76, 84, 80



0, 148, 69



0, 20, 9

Inverse Universe

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



140, 115, 169



175, 136, 219



166, 115, 169



80, 76, 84



68, 0, 148



9, 0, 20

Previews

White Background



This preview shows how the RYB color 115, 169, 140 looks on a white background.

Color Contrast Check

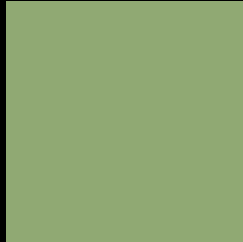
Large Text (above 18pt) WCAG AA × Fail

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 115, 169, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

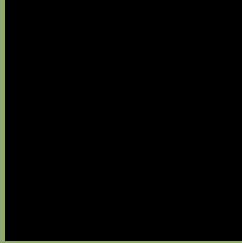
Any Text WCAG AA ✓ Pass

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 115, 169, 140 Background



This preview shows how black text looks on a background with the RYB color 115, 169, 140.

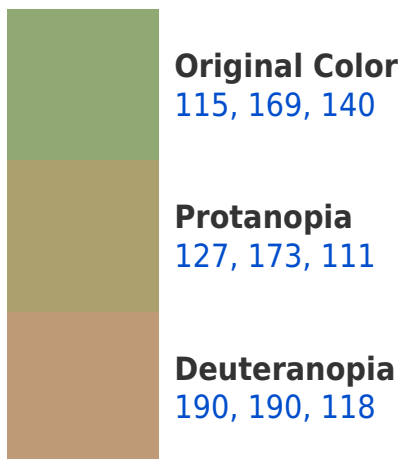


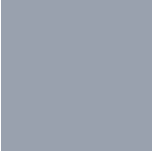
This preview shows how white text looks on a background with the RYB color 115, 169, 140.

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
153, 159, 174

Trichromacy



Original Color
115, 169, 140

Protanomaly
112, 163, 113

Deuteranomaly
136, 173, 117

Tritanomaly
150, 163, 165

Monochromacy



Original Color
115, 169, 140

Achromatopsia
155, 155, 155

Achromatomaly
140, 160, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 169, 140 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(144, 169, 115)` looks like.

```
.text, #text, p{  
    color:rgb(144, 169, 115)  
}
```

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(144, 169, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 169, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 169, 140 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(144, 169, 115) }
```

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

```
.border{ border-color:rgb(144, 169, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 169, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 169, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 169, 115);  
box-shadow:4px 4px 4px 4px rgb(144, 169,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 169, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 169, 115) }
```

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

```
.background{ background-color: rgb(144,  
169, 115) }
```

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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