

Converting Colors

`RYB(115, 176, 139)`

Have a look what the booklet for
RYB(115, 176, 139) contains.

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Color

`RYB(115, 176, 139)`

Conversions

Conversions Part 1

Format	Color
Hex	98B073
RGB	152, 176, 115
RGB Percent	60%, 69%, 45%
CMY	0.4039, 0.3098, 0.5490
CMYK	0.14, 0.00, 0.35, 0.31
HSL	84°, 28%, 57%
HSV	84°, 35%, 69%
XYZ	31.5687, 38.9639, 22.0766
YIQ	161.8700, 5.2770, -24.0590

Conversions

Conversions Part 2

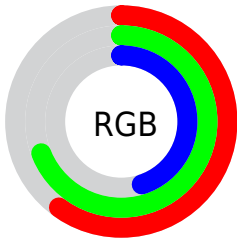
Format	Color
RYB	115, 176, 139
Decimal	10006643
CIELab	68.73, -18.93, 28.58
CIELCh	69, 34.282, 123.514
Yxy	38.9639, 0.3409, 0.4207
Android (android.graphics.Color)	4288196723 (0xFF98B073)
YUV	161.8700, -23.1069, -8.6560
Hunter-Lab	62.4210, -18.9625, 22.7255

Details

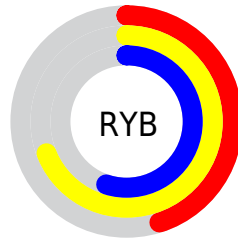
The RYB color **115, 176, 139** is a light color, and the websafe version is hex **999966**. A complement of this color would be **139, 115, 176**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **168, 232, 193**, and **66, 123, 89** is the 20% darker color. If you saturate the color by 10%, you get **97, 176, 128**, and if you desaturate by 10%, it is **133, 176, 150**.

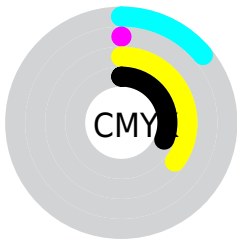
Distribution



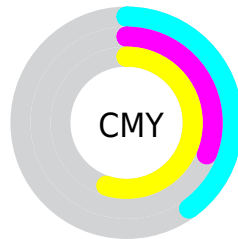
- Red (60%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 176, 139 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, 176, 139 by changing the saturation by 10% instead.

 115, 176, 139

255, 255, 255


 168, 232, 193

 195, 255, 215


 223, 255, 223

 252, 255, 252


 115, 176, 139

 97, 176, 128

 115, 176, 139


 90, 149, 113

 66, 123, 89

 43, 98, 66

 20, 75, 44

 0, 52, 23

 0, 31, 31

 0, 0, 0

 115, 176, 139

 133, 176, 150

■ 80, 176, 118

■ 150, 176, 160

■ 62, 176, 107

■ 168, 176, 171

■ 45, 176, 97

■ 180, 176, 185

■ 27, 176, 86

■ 187, 176, 203

■ 9, 176, 75

■ 194, 176, 221

■ 0, 176, 69

■ 200, 176, 238

■ 207, 176, 255

■ 214, 176, 255

Harmonies

Analogous

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



128, 185, 105



115, 176, 139



115, 164, 182

Triad

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



115, 176, 139



81, 138, 222



227, 144, 165

Complementary

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



115, 176, 139



139, 115, 176

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.



210, 148, 196



115, 176, 139



130, 158, 229

Square

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



115, 176, 139



53, 122, 201



176, 158, 219



227, 149, 135

Rectangle

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



115, 176, 139



89, 143, 184



176, 158, 219



223, 145, 176

Sweetspot

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



115, 176, 139



207, 230, 217



176, 152, 115



101, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



115, 176, 139



133, 230, 171



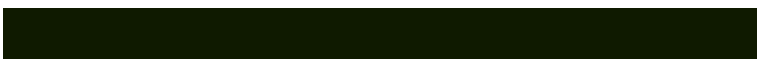
115, 176, 169



80, 89, 83



0, 153, 60



0, 26, 11

Inverse Universe

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



139, 115, 176



171, 133, 230



169, 115, 176



84, 80, 89



60, 0, 153



10, 0, 26

Previews

White Background



This preview shows how the RYB color 115, 176, 139 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, 176, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

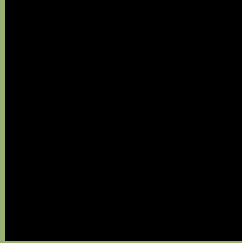
Any Text WCAG AA ✓ Pass

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, 176, 139 Background



This preview shows how black text looks on a background with the RYB color 115, 176, 139.



This preview shows how white text looks on a background with the RYB color 115, 176, 139.

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
115, 176, 139

Protanopia
129, 181, 111

Deuteranopia
193, 199, 118



Tritanopia
161, 166, 181

Trichromacy



Original Color
115, 176, 139

Protanomaly
112, 170, 112

Deuteranomaly
138, 182, 117

Tritanomaly
157, 171, 170

Monochromacy



Original Color
115, 176, 139

Achromatopsia
162, 162, 162

Achromatomaly
145, 167, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 176, 139 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(152, 176, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 176, 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(152, 176, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 176, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 176, 139 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(152, 176, 115) }
```

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

```
.border{ border-color:rgb(152, 176, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 176, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 176, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 176, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 176,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 176, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 176, 115) }
```

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

```
.background{ background-color: rgb(152,  
176, 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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