

Converting Colors

`RYB(115, 191, 167)`

Have a look what the booklet for
RYB(115, 191, 167) contains.

RYB(115, 191, 167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(115, 191, 167)`

Conversions

Conversions Part 1

Format	Color
Hex	8BBF73
RGB	139, 191, 115
RGB Percent	55%, 75%, 45%
CMY	0.4549, 0.2510, 0.5490
CMYK	0.27, 0.00, 0.40, 0.25
HSL	101°, 37%, 60%
HSV	101°, 40%, 75%
XYZ	32.3728, 43.9884, 23.0040
YIQ	166.7880, -6.5960, -34.6600

Conversions

Conversions Part 2

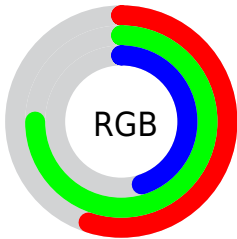
Format	Color
RYB	115, 191, 167
Decimal	9158515
CIELab	72.22, -31.08, 32.99
CIELCh	72, 45.323, 133.296
Yxy	43.9884, 0.3258, 0.4427
Android (android.graphics.Color)	4287348595 (0xFF8BBF73)
YUV	166.7880, -25.5315, -24.3701
Hunter-Lab	66.3237, -28.9403, 25.8622

Details

The RYB color **115, 191, 167** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **167, 115, 191**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **168, 248, 222**, and **65, 137, 115** is the 20% darker color. If you saturate the color by 10%, you get **96, 191, 161**, and if you desaturate by 10%, it is **134, 191, 173**.

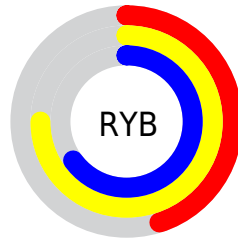
Distribution



Red (55%)

Green (75%)

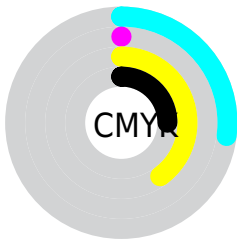
Blue (45%)



Red (45%)

Yellow (75%)

Blue (65%)

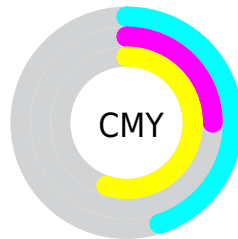


Cyan (27%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (45%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 191, 167 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, 191, 167 by changing the saturation by 10% instead.

 115, 191, 167

255, 255, 255


 168, 248, 222


 195, 255, 228


 224, 255, 227

 252, 255, 252

 115, 191, 167

 90, 164, 142


 65, 137, 115

 42, 112, 93

 18, 87, 70


 0, 63, 56

 0, 41, 41

 0, 15, 15

 0, 0, 0

 115, 191, 167

 115, 191, 167

■ 96, 191, 161

■ 134, 191, 173

■ 77, 191, 155

■ 153, 191, 179

■ 58, 191, 149

■ 172, 191, 185

■ 39, 191, 143

■ 191, 191, 191

■ 20, 191, 137

■ 204, 191, 211

■ 0, 191, 130

■ 217, 191, 230

■ 0, 191, 131

■ 230, 191, 249

■ 244, 191, 255

■ 255, 191, 255

Harmonies

Analogous

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



98, 185, 94



115, 191, 167



81, 153, 197

Triad

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



115, 191, 167



54, 134, 255



255, 144, 160

Complementary

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



115, 191, 167



167, 115, 191

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.



243, 147, 202



115, 191, 167



144, 168, 255

Square

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



115, 191, 167



0, 106, 233



205, 159, 238



248, 161, 122

Rectangle

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



115, 191, 167



0, 104, 199



205, 159, 238



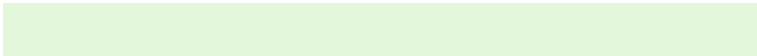
254, 143, 174

Sweetspot

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



115, 191, 167



218, 247, 238



150, 191, 115



107, 125, 119



252, 252, 252



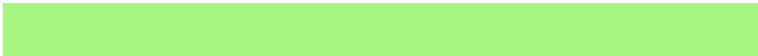
125, 125, 125

Same Dimension

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



115, 191, 167



129, 247, 210



115, 179, 191



85, 94, 91



0, 158, 108



0, 31, 21

Inverse Universe

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



167, 115, 191



210, 129, 247



191, 115, 177



91, 85, 94



108, 0, 158



21, 0, 31

Previews

White Background



This preview shows how the RYB color 115, 191, 167 looks on a white background.

Color Contrast Check

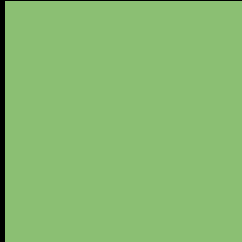
Large Text (above 18pt) WCAG AA × Fail

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, 191, 167 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, 191, 167 Background



This preview shows how black text looks on a background with the RYB color 115, 191, 167.

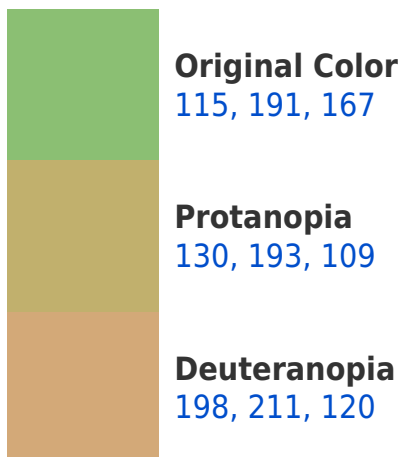


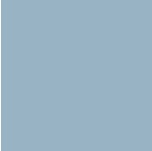
This preview shows how white text looks on a background with the RYB color 115, 191, 167.

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
152, 169, 196

Trichromacy



Original Color
115, 191, 167

Protanomaly
111, 181, 119

Deuteranomaly
127, 185, 118

Tritanomaly
147, 172, 185

Monochromacy



Original Color
115, 191, 167

Achromatopsia
167, 167, 167

Achromatomaly
148, 176, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 191, 167 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, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(139, 191, 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(139, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 191, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 191, 167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

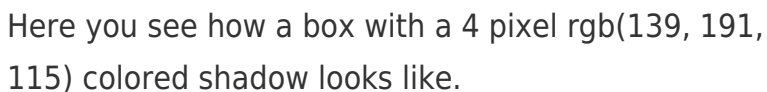
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 191, 115) }
```

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

```
.border{ border-color:rgb(139, 191, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 191, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 191, 115); box-shadow:4px 4px 4px 4px rgb(139, 191, 115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 191, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 191, 115) }
```

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

```
.background{ background-color: rgb(139,  
191, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor