

Converting Colors

`RYB(115, 185, 159)`

Have a look what the booklet for
RYB(115, 185, 159) contains.

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Color

R_YB(115, 185, 159)

Conversions

Conversions Part 1

Format	Color
Hex	8DB973
RGB	141, 185, 115
RGB Percent	55%, 73%, 45%
CMY	0.4471, 0.2745, 0.5490
CMYK	0.24, 0.00, 0.38, 0.27
HSL	98°, 33%, 59%
HSV	98°, 38%, 73%
XYZ	31.4280, 41.5984, 22.5925
YIQ	163.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

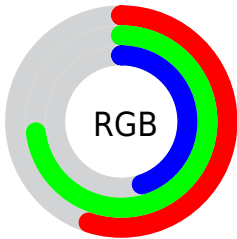
Format	Color
RYB	115, 185, 159
Decimal	9288051
CIELab	70.59, -27.50, 30.89
CIElCh	71, 41.359, 131.669
Yxy	41.5984, 0.3287, 0.4350
Android (android.graphics.Color)	4287478131 (0xFF8DB973)
YUV	163.8640, -24.0900, -20.0517
Hunter-Lab	64.4969, -25.8902, 24.3792

Details

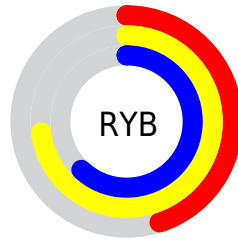
The RYB color **115, 185, 159** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **159, 115, 185**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **168, 241, 213**, and **66, 132, 109** is the 20% darker color. If you saturate the color by 10%, you get **97, 185, 153**, and if you desaturate by 10%, it is **134, 185, 166**.

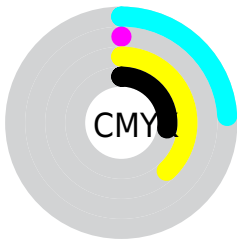
Distribution



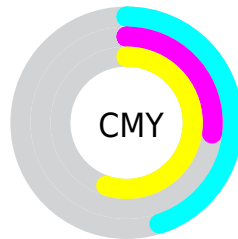
- Red (55%)
- Green (73%)
- Blue (45%)



- Red (45%)
- Yellow (73%)
- Blue (62%)



- Cyan (24%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 185, 159 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, 185, 159 by changing the saturation by 10% instead.

 115, 185, 159

255, 255, 255


 168, 241, 213


 195, 255, 226


 223, 255, 225

 252, 255, 252

 115, 185, 159


 90, 158, 133

 66, 132, 109

 42, 106, 84

 19, 82, 62


 0, 58, 44

 0, 37, 37

 0, 4, 4

 0, 0, 0

 115, 185, 159

 115, 185, 159

■ 97, 185, 153

■ 134, 185, 166

■ 78, 185, 145

■ 152, 185, 173

■ 60, 185, 139

■ 171, 185, 180

■ 41, 185, 132

■ 188, 185, 189

■ 22, 185, 124

■ 199, 185, 208

■ 4, 185, 118

■ 211, 185, 226

■ 0, 185, 116

■ 222, 185, 245

■ 234, 185, 255

■ 246, 185, 255

Harmonies

Analogous

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



106, 182, 98



115, 185, 159



92, 155, 191

Triad

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



115, 185, 159



68, 137, 243



245, 143, 159

Complementary

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



115, 185, 159



159, 115, 185

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.



231, 146, 197



115, 185, 159



141, 164, 246

Square

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



115, 185, 159



0, 102, 222



196, 157, 229



239, 158, 124

Rectangle

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



115, 185, 159



49, 125, 192



196, 157, 229



243, 143, 172

Sweetspot

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



115, 185, 159



213, 240, 230



159, 185, 115



104, 120, 114



247, 247, 247



120, 120, 120

Same Dimension

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



115, 185, 159



132, 240, 200



115, 178, 185



83, 92, 89



0, 156, 98



0, 28, 18

Inverse Universe

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



159, 115, 185



200, 132, 240



185, 115, 177



88, 83, 92



98, 0, 156



18, 0, 28

Previews

White Background



This preview shows how the RYB color 115, 185, 159 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, 185, 159 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, 185, 159 Background



This preview shows how black text looks on a background with the RYB color 115, 185, 159.



This preview shows how white text looks on a background with the RYB color 115, 185, 159.

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, 185, 159

Protanopia
129, 187, 110

Deuteranopia
196, 205, 120



Tritanopia
153, 167, 190

Trichromacy



Original Color
115, 185, 159

Protanomaly
112, 177, 119

Deuteranomaly
130, 182, 118

Tritanomaly
149, 169, 179

Monochromacy



Original Color
115, 185, 159

Achromatopsia
164, 164, 164

Achromatomaly
146, 172, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 185, 159 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(141, 185, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 185, 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(141, 185, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 185, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 185, 159 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(141, 185, 115) }
```

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

```
.border{ border-color:rgb(141, 185, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 185, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(141, 185,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 185, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 185, 115) }
```

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

```
.background{ background-color: rgb(141,  
185, 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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