

# Converting Colors

`RYB(111, 179, 151)`

Have a look what the booklet for  
RYB(111, 179, 151) contains.

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# Color

**`RYB(111, 179, 151)`**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BB36F
RGB	139, 179, 111
RGB Percent	55%, 70%, 44%
CMY	0.4549, 0.2980, 0.5647
CMYK	0.22, 0.00, 0.38, 0.30
HSL	95°, 31%, 57%
HSV	95°, 38%, 70%
XYZ	29.6368, 38.8769, 20.9809
YIQ	159.2880, -2.0120, -29.6280

# Conversions

## Conversions Part 2

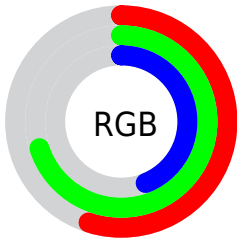
Format	Color
<a href="#">RYB</a>	<a href="#">111, 179, 151</a>
Decimal	<a href="#">9155439</a>
CIELab	<a href="#">68.66, -25.87, 30.45</a>
CIELCh	<a href="#">69, 39.956, 130.350</a>
Yxy	<a href="#">38.8769, 0.3312, 0.4344</a>
Android (android.graphics.Color)	<a href="#">4287345519 (0xFF8BB36F)</a>
YUV	<a href="#">159.2880, -23.8060, -17.7926</a>
Hunter-Lab	<a href="#">62.3513, -24.2702, 23.6951</a>

# Details

The RYB color **111, 179, 151** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **151, 111, 179**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **163, 235, 204**, and **62, 126, 101** is the 20% darker color. If you saturate the color by 10%, you get **93, 179, 144**, and if you desaturate by 10%, it is **129, 179, 158**.

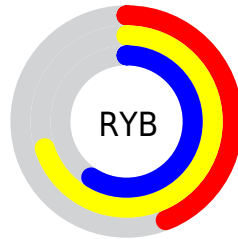
# Distribution



Red (55%)

Green (70%)

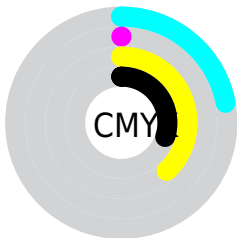
Blue (44%)



Red (44%)

Yellow (70%)

Blue (59%)

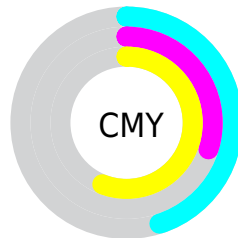


Cyan (22%)

Magenta (0%)

Yellow (38%)

Black (30%)



Cyan (45%)

Magenta (30%)


Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 111, 179, 151 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 111, 179, 151 by changing the saturation by 10% instead.



 111, 179, 151


255, 255, 255


 163, 235, 204


 191, 255, 224

 219, 255, 223

 247, 255, 247

 111, 179, 151


 86, 152, 125

 62, 126, 101


 39, 101, 78


 15, 77, 54


 0, 53, 38

 0, 33, 33


 0, 0, 0

 111, 179, 151


 93, 179, 144

 111, 179, 151


 129, 179, 158


 75, 179, 136


 147, 179, 166

 57, 179, 129

 165, 179, 173


 39, 179, 121

 181, 179, 183

 22, 179, 115

 192, 179, 200


 4, 179, 107

 202, 179, 218

 0, 179, 105

 213, 179, 236

 223, 179, 254

 234, 179, 255

# Harmonies

## Analogous

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



106, 179, 95



111, 179, 151



93, 153, 185

# Triad

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



111, 179, 151



65, 133, 235



237, 139, 156

# Complementary

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



111, 179, 151



151, 111, 179

# 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.



223, 142, 193



111, 179, 151



134, 159, 238

# Square

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



111, 179, 151



0, 99, 213



188, 153, 223



232, 151, 122

# Rectangle

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



111, 179, 151



53, 125, 187



188, 153, 223



235, 139, 168

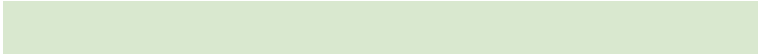


# Sweetspot

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



111, 179, 151



207, 232, 222



159, 179, 111



102, 117, 111



245, 245, 245



117, 117, 117



# Same Dimension

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



111, 179, 151



125, 232, 188



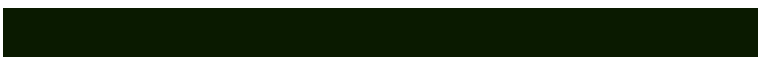
111, 173, 179



80, 89, 85



0, 153, 90



0, 26, 16



# Inverse Universe

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



151, 111, 179



188, 125, 232



179, 111, 173



86, 80, 89



90, 0, 153



15, 0, 26



# Previews

## White Background



This preview shows how the RYB color 111, 179, 151 looks on a white background.

## Color Contrast Check

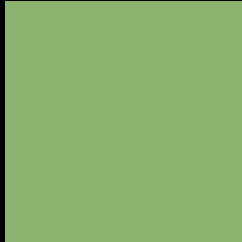
Large Text (above 18pt) WCAG AA × Fail

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 111, 179, 151 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 111, 179, 151 Background**



This preview shows how black text looks on a background with the RYB color 111, 179, 151.

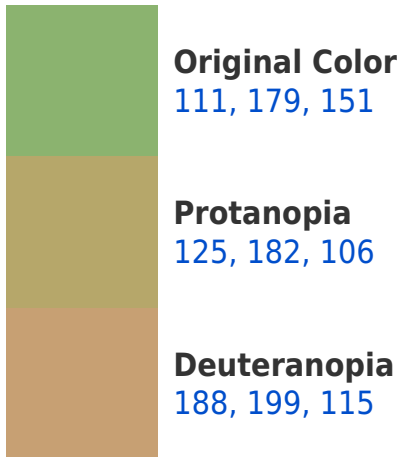


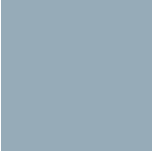
This preview shows how white text looks on a background with the RYB color 111, 179, 151.

# 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

150, 163, 184

# Trichromacy



**Original Color**  
111, 179, 151

**Protanomaly**  
108, 171, 113

**Deuteranomaly**  
126, 177, 114

**Tritanomaly**  
146, 165, 173

# Monochromacy



**Original Color**  
111, 179, 151

**Achromatopsia**  
159, 159, 159

**Achromatomaly**  
142, 166, 156

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 111, 179, 151 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, 179, 111)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 111)  
}
```

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, 179, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 111) }
```

## Border

The CSS property to change the border of an element to RYB 111, 179, 151 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, 179, 111) }
```

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

```
.border{ border-color:rgb(139, 179, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 111);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
111) }
```

# Background

The CSS property to change the background color of an element to RYB 111, 179, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 111) }
```

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

```
.background{ background-color: rgb(139,  
179, 111) }
```

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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