

# Converting Colors

`RYB(108, 151, 118)`

Have a look what the booklet for  
RYB(108, 151, 118) contains.

<b>RYB(108, 151, 118)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**R<sub>Y</sub>B(108, 151, 118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D976C
RGB	141, 151, 108
RGB Percent	55%, 59%, 42%
CMY	0.4471, 0.4078, 0.5765
CMYK	0.07, 0.00, 0.28, 0.41
HSL	74°, 17%, 51%
HSV	74°, 28%, 59%
XYZ	24.7579, 28.8786, 18.4566
YIQ	143.1080, 7.8430, -15.4930

# Conversions

## Conversions Part 2

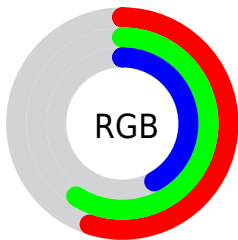
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 151, 118
Decimal	9279340
CIELab	60.67, -11.17, 21.51
CIElCh	61, 24.239, 117.444
Yxy	28.8786, 0.3434, 0.4006
Android (android.graphics.Color)	4287469420 (0xFF8D976C)
YUV	143.1080, -17.3082, -1.8487
Hunter-Lab	53.7389, -11.8067, 17.2540

# Details

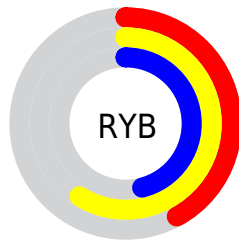
The RYB color **108, 151, 118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118, 108, 151**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **160, 205, 170**, and **60, 100, 70** is the 20% darker color. If you saturate the color by 10%, you get **93, 151, 107**, and if you desaturate by 10%, it is **123, 151, 129**.

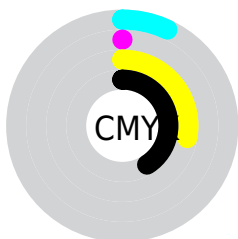
# Distribution



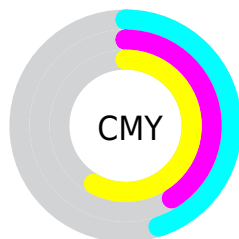
- Red (55%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (46%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 108, 151, 118 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 108, 151, 118 by changing the saturation by 10% instead.



 108, 151, 118

255, 255, 255


 160, 205, 170


 187, 233, 197


 215, 255, 218


 243, 255, 243


 108, 151, 118

 93, 151, 107

 108, 151, 118

 83, 125, 93

 60, 100, 70

 38, 76, 48


 16, 54, 27

 0, 32, 8

 0, 5, 5

 0, 0, 0

 108, 151, 118

 123, 151, 129

■ 78, 151, 95

■ 138, 151, 141

■ 63, 151, 84

■ 152, 151, 153

■ 48, 151, 72

■ 155, 151, 168

■ 33, 151, 61

■ 159, 151, 184

■ 17, 151, 48

■ 162, 151, 199

■ 2, 151, 37

■ 166, 151, 214

■ 0, 151, 35

■ 169, 151, 229

■ 173, 151, 244

# Harmonies

## Analogous

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



134, 164, 104



108, 151, 118



116, 150, 156

# Triad

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



108, 151, 118



90, 128, 182



187, 131, 149

# Complementary

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



108, 151, 118



118, 108, 151

# 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.



172, 135, 170



108, 151, 118



117, 139, 189

# Square

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



108, 151, 118



81, 121, 165



147, 141, 184



189, 132, 128

# Rectangle

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



108, 151, 118



101, 136, 158



147, 141, 184



183, 132, 156



# Sweetspot

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



108, 151, 118



179, 196, 183



151, 119, 108



89, 99, 91



227, 227, 227



99, 99, 99



# Same Dimension

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



108, 151, 118



130, 196, 145



108, 151, 139



69, 77, 71



0, 140, 32



0, 13, 3



# Inverse Universe

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



118, 108, 151



145, 130, 196



139, 108, 151



71, 69, 77



33, 0, 140



3, 0, 13



# Previews

## White Background



This preview shows how the RYB color 108, 151, 118 looks on a white background.

## Color Contrast Check

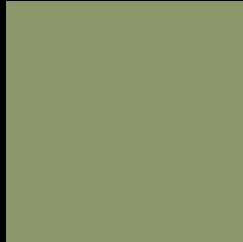
Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 151, 118 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

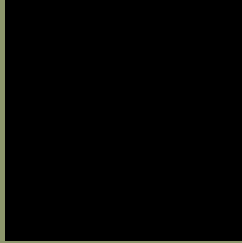
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

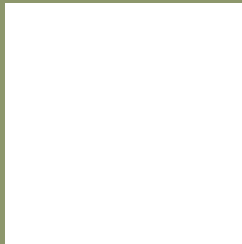
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 108, 151, 118 Background



This preview shows how black text looks on a background with the RYB color 108, 151, 118.



This preview shows how white text looks on a background with the RYB color 108, 151, 118.

# 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**


108, 151, 118

**Protanopia**

120, 157, 106

**Deuteranopia**

172, 168, 110



# Tritanopia

147, 145, 156

# Trichromacy



**Original Color**  
108, 151, 118

**Protanomaly**  
110, 151, 107

**Deuteranomaly**  
134, 161, 109

**Tritanomaly**  
139, 147, 141

# Monochromacy



**Original Color**  
108, 151, 118

**Achromatopsia**  
143, 143, 143

**Achromatomaly**  
130, 146, 134

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 108, 151, 118 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, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 108)  
}
```

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, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 108) }
```

## Border

The CSS property to change the border of an element to RYB 108, 151, 118 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, 151, 108) }
```

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

```
.border{ border-color:rgb(141, 151, 108) }
```

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

Here you see how a box with a 4 pixel rgb(141, 151, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 108);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
108) }
```

# Background

The CSS property to change the background color of an element to RYB 108, 151, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 108) }
```

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

```
.background{ background-color: rgb(141,  
151, 108) }
```

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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