

Converting Colors

`RYB(118, 178, 152)`

Have a look what the booklet for
RYB(118, 178, 152) contains.

RYB(118, 178, 152)	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

R_YB(118, 178, 152)

Conversions

Conversions Part 1

Format	Color
Hex	90B276
RGB	144, 178, 118
RGB Percent	56%, 70%, 46%
CMY	0.4353, 0.3020, 0.5373
CMYK	0.19, 0.00, 0.34, 0.30
HSL	94°, 28%, 58%
HSV	94°, 34%, 70%
XYZ	30.6920, 39.0781, 23.0647
YIQ	160.9940, -1.0040, -25.8680

Conversions

Conversions Part 2

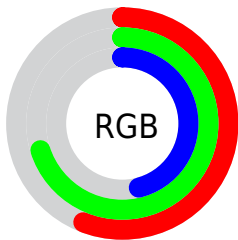
Format	Color
RYB	118, 178, 152
Decimal	9482870
CIELab	68.81, -22.52, 27.00
CIELCh	69, 35.157, 129.834
Yxy	39.0781, 0.3306, 0.4209
Android (android.graphics.Color)	4287672950 (0xFF90B276)
YUV	160.9940, -21.1960, -14.9037
Hunter-Lab	62.5125, -21.7579, 21.8830

Details

The RYB color **118, 178, 152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152, 118, 178**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **171, 234, 206**, and **69, 125, 102** is the 20% darker color. If you saturate the color by 10%, you get **100, 178, 144**, and if you desaturate by 10%, it is **136, 178, 160**.

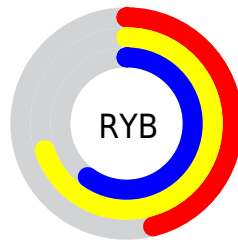
Distribution



Red (56%)

Green (70%)

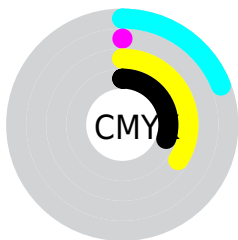
Blue (46%)



Red (46%)

Yellow (70%)

Blue (60%)

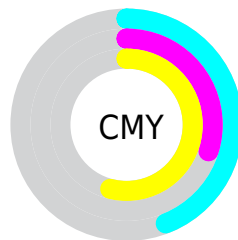


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (30%)



Cyan (44%)

Magenta (30%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 178, 152 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 118, 178, 152 by changing the saturation by 10% instead.


 118, 178, 152


255, 255, 255


 171, 234, 206


 198, 255, 226


 226, 255, 226

 118, 178, 152


 93, 151, 126

 69, 125, 102

 46, 100, 78

 23, 76, 55

 0, 53, 32


 0, 32, 32


 0, 0, 0

 118, 178, 152


 100, 178, 144


 118, 178, 152


 136, 178, 160

 82, 178, 136


 154, 178, 168

 65, 178, 129


 171, 178, 175

 47, 178, 121

 184, 178, 189

 29, 178, 113

 194, 178, 207

 11, 178, 106

 205, 178, 225

 0, 178, 101

 215, 178, 243

 225, 178, 255

 235, 178, 255

Harmonies

Analogous

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



116, 179, 104



118, 178, 152



105, 157, 183

Triad

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



118, 178, 152



88, 142, 227



230, 143, 158

Complementary

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



118, 178, 152



152, 118, 178

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.



216, 146, 191



118, 178, 152



140, 161, 230

Square

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



118, 178, 152



48, 121, 208



185, 156, 217



226, 153, 129

Rectangle

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



118, 178, 152



78, 136, 185



185, 156, 217



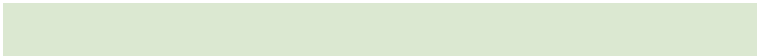
228, 143, 169

Sweetspot

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



118, 178, 152



209, 232, 222



164, 178, 118



103, 117, 111



245, 245, 245



117, 117, 117

Same Dimension

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



118, 178, 152



139, 232, 192



118, 174, 178



80, 89, 85



0, 153, 87



0, 26, 15

Inverse Universe

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



152, 118, 178



192, 139, 232



178, 118, 174



85, 80, 89



87, 0, 153



14, 0, 26

Previews

White Background



This preview shows how the RYB color 118, 178, 152 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 118, 178, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

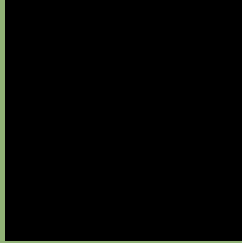
Any Text WCAG AA ✓ Pass

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 118, 178, 152 Background



This preview shows how black text looks on a background with the RYB color 118, 178, 152.

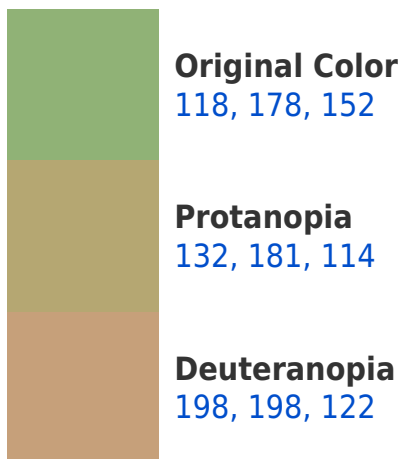


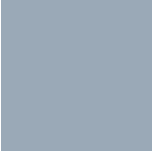
This preview shows how white text looks on a background with the RYB color 118, 178, 152.

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

154, 164, 183

Trichromacy



Original Color
118, 178, 152

Protanomaly
115, 171, 118

Deuteranomaly
135, 178, 121

Tritanomaly
150, 167, 173

Monochromacy



Original Color
118, 178, 152

Achromatopsia
161, 161, 161

Achromatomaly
145, 167, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 178, 152 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(144, 178, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 178, 118)  
}
```

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(144, 178, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 178, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 178, 152 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(144, 178, 118) }
```

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

```
.border{ border-color:rgb(144, 178, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 178, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 178, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 178, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 178,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 178, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 178, 118) }
```

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

```
.background{ background-color: rgb(144,  
178, 118) }
```

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