

Converting Colors

`RYB(138, 175, 152)`

Have a look what the booklet for
RYB(138, 175, 152) contains.

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Color

R_YB(138, 175, 152)

Conversions

Conversions Part 1

Format	Color
Hex	A1AF8A
RGB	161, 175, 138
RGB Percent	63%, 69%, 54%
CMY	0.3686, 0.3137, 0.4588
CMYK	0.08, 0.00, 0.21, 0.31
HSL	83°, 19%, 61%
HSV	83°, 21%, 69%
XYZ	34.6154, 40.0720, 29.9550
YIQ	166.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

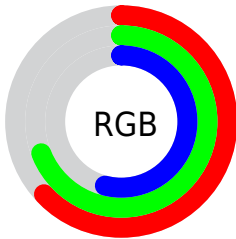
Format	Color
RYB	138, 175, 152
Decimal	10596234
CIELab	69.52, -11.56, 17.37
CIELCh	70, 20.867, 123.639
Yxy	40.0720, 0.3308, 0.3829
Android (android.graphics.Color)	4288786314 (0xFFA1AF8A)
YUV	166.5960, -14.0978, -4.9077
Hunter-Lab	63.3024, -13.1710, 16.2554

Details

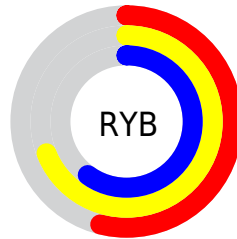
The RYB color **138, 175, 152** is a light color, and the websafe version is hex **999966**. A complement of this color would be **152, 138, 175**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **192, 231, 207**, and **88, 123, 102** is the 20% darker color. If you saturate the color by 10%, you get **120, 175, 141**, and if you desaturate by 10%, it is **156, 175, 163**.

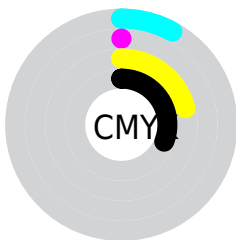
Distribution



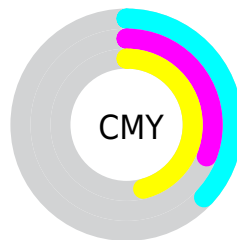
- Red (63%)
- Green (69%)
- Blue (54%)



- Red (54%)
- Yellow (69%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (31%)



- Cyan (37%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 175, 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 138, 175, 152 by changing the saturation by 10% instead.


 138, 175, 152


255, 255, 255


 192, 231, 207

 219, 255, 229

 248, 255, 248


 138, 175, 152

 112, 148, 125

 88, 123, 102

 64, 98, 77

 42, 74, 55


 21, 51, 33

 0, 30, 10

 0, 0, 0

 138, 175, 152

 120, 175, 141

 138, 175, 152

 156, 175, 163

■ 103, 175, 130

■ 173, 175, 174

■ 85, 175, 119

■ 181, 175, 191

■ 68, 175, 108

■ 187, 175, 208

■ 50, 175, 97

■ 194, 175, 226

■ 33, 175, 87

■ 201, 175, 243

■ 15, 175, 75

■ 207, 175, 255

■ 0, 175, 66

■ 214, 175, 255

■ 221, 175, 255

Harmonies

Analogous

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



150, 182, 132



138, 175, 152



140, 170, 179

Triad

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



138, 175, 152



128, 157, 203



208, 156, 168

Complementary

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



138, 175, 152



152, 138, 175

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.



196, 159, 187



138, 175, 152



151, 166, 207

Square

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



138, 175, 152



117, 151, 190



176, 164, 201



208, 159, 150

Rectangle

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



138, 175, 152



127, 158, 180



176, 164, 201



205, 157, 175

Sweetspot

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



138, 175, 152



213, 227, 218



175, 161, 138



107, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



138, 175, 152



170, 227, 192



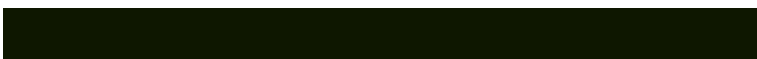
138, 175, 170



78, 87, 82



0, 150, 56



0, 23, 9

Inverse Universe

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



152, 138, 175



192, 170, 227



170, 138, 175



81, 78, 87



57, 0, 150



9, 0, 23

Previews

White Background



This preview shows how the RYB color 138, 175, 152 looks on a white background.

Color Contrast Check

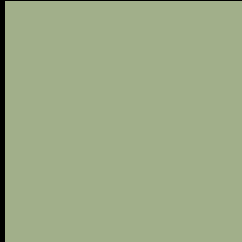
Large Text (above 18pt) WCAG AA × Fail

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 138, 175, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

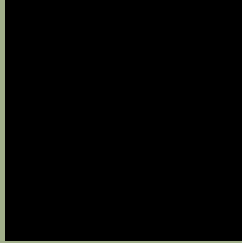
Any Text WCAG AA ✓ Pass

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 138, 175, 152 Background



This preview shows how black text looks on a background with the RYB color 138, 175, 152.



This preview shows how white text looks on a background with the RYB color 138, 175, 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



Original Color
138, 175, 152

Protanopia
150, 180, 135

Deuteranopia
196, 179, 140



Tritanopia
167, 169, 182

Trichromacy



Original Color

138, 175, 152

Protanomaly

138, 173, 136

Deuteranomaly

164, 183, 139

Tritanomaly

165, 170, 171

Monochromacy



Original Color

138, 175, 152

Achromatopsia

167, 167, 167

Achromatomaly

156, 170, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 175, 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(161, 175, 138) looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 138)  
}
```

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(161, 175, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 175, 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(161, 175, 138) }
```

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

```
.border{ border-color:rgb(161, 175, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 175, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 138);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 175, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 138) }
```

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

```
.background{ background-color: rgb(161,  
175, 138) }
```

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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