

Converting Colors

`RYB(138, 176, 144)`

Have a look what the booklet for
RYB(138, 176, 144) contains.

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Color

R_YB(138, 176, 144)

Conversions

Conversions Part 1

Format	Color
Hex	AAB08A
RGB	170, 176, 138
RGB Percent	67%, 69%, 54%
CMY	0.3333, 0.3098, 0.4588
CMYK	0.03, 0.00, 0.22, 0.31
HSL	69°, 19%, 62%
HSV	69°, 22%, 69%
XYZ	36.6903, 41.4317, 30.1081
YIQ	169.8740, 8.6220, -13.0900

Conversions

Conversions Part 2

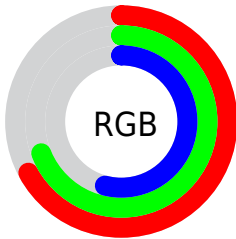
Format	Color
RYB	138, 176, 144
Decimal	11186314
CIELab	70.48, -8.69, 18.80
CIELCh	70, 20.710, 114.796
Yxy	41.4317, 0.3390, 0.3828
Android (android.graphics.Color)	4289376394 (0xFFAAB08A)
YUV	169.8740, -15.7139, 0.1105
Hunter-Lab	64.3675, -10.8956, 17.3241

Details

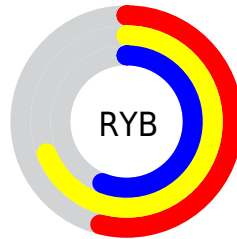
The RYB color **138, 176, 144** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144, 138, 176**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **192, 232, 198**, and **88, 124, 94** is the 20% darker color. If you saturate the color by 10%, you get **120, 176, 129**, and if you desaturate by 10%, it is **156, 176, 159**.

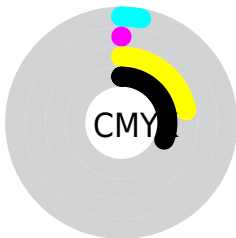
Distribution



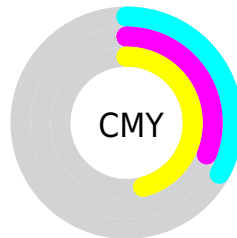
- Red (67%)
- Green (69%)
- Blue (54%)



- Red (54%)
- Yellow (69%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 176, 144 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, 176, 144 by changing the saturation by 10% instead.

 138, 176, 144


255, 255, 255

 192, 232, 198

 219, 255, 220

 248, 255, 248


 138, 176, 144

 112, 149, 118

 88, 124, 94

 64, 99, 70


 42, 75, 48

 21, 52, 27

 0, 31, 5

 0, 3, 3

 0, 0, 0

 138, 176, 144

 138, 176, 144

■ 120, 176, 129

■ 156, 176, 159

■ 103, 176, 115

■ 173, 176, 173

■ 85, 176, 99

■ 178, 176, 191

■ 68, 176, 85

■ 181, 176, 208

■ 50, 176, 70

■ 184, 176, 226

■ 32, 176, 55

■ 187, 176, 244

■ 15, 176, 40

■ 189, 176, 255

■ 0, 176, 28

■ 192, 176, 255

■ 195, 176, 255

Harmonies

Analogous

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



166, 190, 135



138, 176, 144



148, 179, 181

Triad

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



138, 176, 144



126, 158, 202



208, 159, 176

Complementary

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



138, 176, 144



144, 138, 176

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.



194, 163, 194



138, 176, 144



146, 166, 209

Square

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



138, 176, 144



120, 152, 187



171, 169, 206



211, 160, 157

Rectangle

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



138, 176, 144



135, 165, 182



171, 169, 206



204, 160, 183

Sweetspot

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



138, 176, 144



216, 230, 219



176, 145, 138



107, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



138, 176, 144



170, 230, 180



138, 176, 163



80, 89, 81



0, 153, 24



0, 26, 5

Inverse Universe

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



144, 138, 176



179, 170, 230



163, 138, 176



82, 80, 89



24, 0, 153



4, 0, 26

Previews

White Background



This preview shows how the RYB color 138, 176, 144 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, 176, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

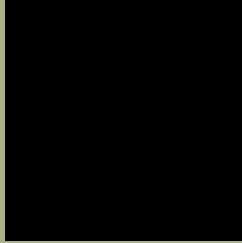
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

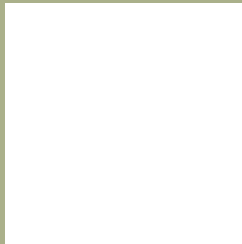
Any Text WCAG AAA ✓ Pass

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

RYB 138, 176, 144 Background



This preview shows how black text looks on a background with the RYB color 138, 176, 144.



This preview shows how white text looks on a background with the RYB color 138, 176, 144.

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, 176, 144

Protanopia
150, 183, 136

Deuteranopia
200, 183, 140



Tritanopia
176, 170, 183

Trichromacy



Original Color

138, 176, 144

Protanomaly

143, 178, 137

Deuteranomaly

172, 189, 139

Tritanomaly

170, 174, 167

Monochromacy



Original Color

138, 176, 144

Achromatopsia

170, 170, 170

Achromatomaly

158, 172, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 176, 144 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(170, 176, 138) looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 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(170, 176, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 176, 144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

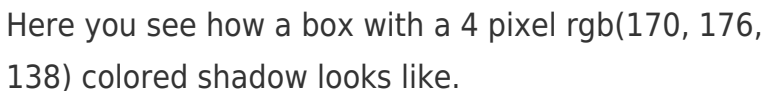
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 176, 138) }
```

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

```
.border{ border-color:rgb(170, 176, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 176, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 138);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 176, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 138) }
```

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

```
.background{ background-color: rgb(170,  
176, 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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