

Converting Colors

`RYB(138, 172, 163)`

Have a look what the booklet for
RYB(138, 172, 163) contains.

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Color

R_YB(138, 172, 163)

Conversions

Conversions Part 1

Format	Color
Hex	93AC8A
RGB	147, 172, 138
RGB Percent	58%, 67%, 54%
CMY	0.4235, 0.3255, 0.4588
CMYK	0.15, 0.00, 0.20, 0.33
HSL	104°, 17%, 61%
HSV	104°, 20%, 67%
XYZ	31.3726, 37.5431, 29.6378
YIQ	160.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

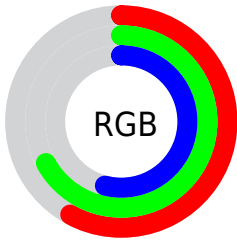
Format	Color
RYB	138, 172, 163
Decimal	9677962
CIELab	67.68, -15.15, 14.66
CIELCh	68, 21.087, 135.940
Yxy	37.5431, 0.3183, 0.3809
Android (android.graphics.Color)	4287868042 (0xFF93AC8A)
YUV	160.6490, -11.1660, -11.9702
Hunter-Lab	61.2724, -15.8314, 14.2118

Details

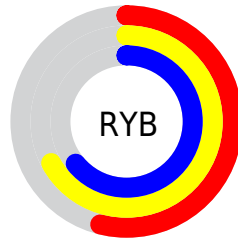
The RYB color **138, 172, 163** is a light color, and the websafe version is hex **999966**. A complement of this color would be **163, 138, 172**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **192, 227, 218**, and **88, 120, 112** is the 20% darker color. If you saturate the color by 10%, you get **121, 172, 159**, and if you desaturate by 10%, it is **155, 172, 167**.

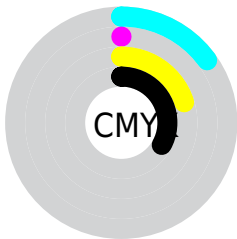
Distribution



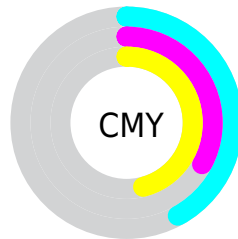
- Red (58%)
- Green (67%)
- Blue (54%)



- Red (54%)
- Yellow (67%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 172, 163 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, 172, 163 by changing the saturation by 10% instead.

 138, 172, 163


255, 255, 255


 192, 227, 218

 219, 255, 245

 248, 255, 248


 138, 172, 163

 113, 145, 137

 88, 120, 112

 64, 95, 87

 42, 71, 64


 21, 49, 43

 0, 28, 24


 0, 0, 0

 138, 172, 163


 121, 172, 159

 138, 172, 163


 155, 172, 167

 104, 172, 154


 172, 172, 172


 86, 172, 149


 185, 172, 190

 69, 172, 145

 198, 172, 207

 52, 172, 140

 210, 172, 224

 35, 172, 136

 223, 172, 241

 18, 172, 132

 236, 172, 255

 0, 172, 126

 248, 172, 255

 255, 172, 255

Harmonies

Analogous

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



130, 169, 128



138, 172, 163



127, 157, 175

Triad

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



138, 172, 163



131, 156, 201



204, 152, 155

Complementary

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



138, 172, 163



163, 138, 172

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.



197, 152, 175



138, 172, 163



156, 162, 201

Square

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



138, 172, 163



114, 148, 191



180, 157, 191



200, 161, 138

Rectangle

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



138, 172, 163



116, 148, 176



180, 157, 191



203, 151, 162

Sweetspot

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



138, 172, 163



211, 224, 221



150, 172, 138



104, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

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



138, 172, 163



171, 224, 210



138, 166, 172



78, 87, 85



0, 150, 110



0, 23, 17

Inverse Universe

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



163, 138, 172



210, 171, 224



172, 138, 164



84, 78, 87



111, 0, 150



17, 0, 23

Previews

White Background



This preview shows how the RYB color 138, 172, 163 looks on a white background.

Color Contrast Check

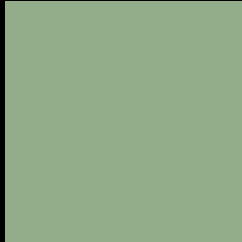
Large Text (above 18pt) WCAG AA × Fail

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, 172, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

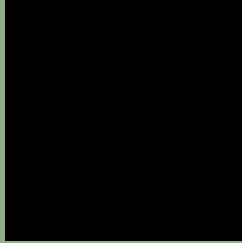
Any Text WCAG AA ✓ Pass

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, 172, 163 Background



This preview shows how black text looks on a background with the RYB color 138, 172, 163.



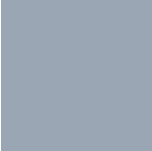
This preview shows how white text looks on a background with the RYB color 138, 172, 163.

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, 162, 180

Trichromacy



Original Color
138, 172, 163

Protanomaly
135, 167, 138

Deuteranomaly
156, 174, 140

Tritanomaly
151, 160, 168

Monochromacy



Original Color
138, 172, 163

Achromatopsia
161, 161, 161

Achromatomaly
153, 165, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 172, 163 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(147, 172, 138) looks like.

```
.text, #text, p{  
    color:rgb(147, 172, 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(147, 172, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 172, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 172, 163 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(147, 172, 138) }
```

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

```
.border{ border-color:rgb(147, 172, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 172, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 172, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 172, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 172,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 172, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 172, 138) }
```

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

```
.background{ background-color: rgb(147,  
172, 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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