

Converting Colors

`RYB(138, 188, 167)`

Have a look what the booklet for
RYB(138, 188, 167) contains.

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Color

R_YB(138, 188, 167)

Conversions

Conversions Part 1

Format	Color
Hex	9FBC8A
RGB	159, 188, 138
RGB Percent	62%, 74%, 54%
CMY	0.3765, 0.2627, 0.4588
CMYK	0.15, 0.00, 0.27, 0.26
HSL	95°, 27%, 64%
HSV	95°, 27%, 74%
XYZ	36.8687, 45.1723, 30.8207
YIQ	173.6290, -1.2340, -21.6980

Conversions

Conversions Part 2

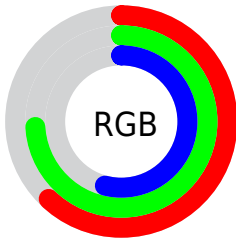
Format	Color
RYB	138, 188, 167
Decimal	10468490
CIELab	73.01, -18.99, 22.14
CIElCh	73, 29.170, 130.626
Yxy	45.1723, 0.3267, 0.4002
Android (android.graphics.Color)	4288658570 (0xFF9FBC8A)
YUV	173.6290, -17.5651, -12.8296
Hunter-Lab	67.2104, -19.7007, 19.8586

Details

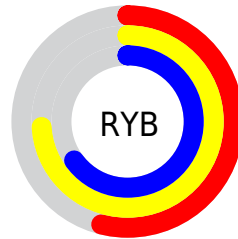
The RYB color **138, 188, 167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167, 138, 188**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **192, 244, 222**, and **88, 135, 116** is the 20% darker color. If you saturate the color by 10%, you get **119, 188, 159**, and if you desaturate by 10%, it is **157, 188, 175**.

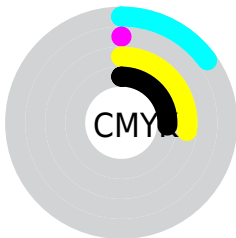
Distribution



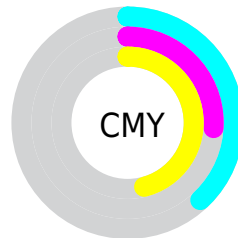
- Red (62%)
- Green (74%)
- Blue (54%)



- Red (54%)
- Yellow (74%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 188, 167 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, 188, 167 by changing the saturation by 10% instead.

 138, 188, 167

255, 255, 255


 192, 244, 222

 220, 255, 232


 248, 255, 248

 138, 188, 167

 112, 161, 140

 88, 135, 116

 64, 109, 91

 41, 85, 68

 20, 61, 46

 0, 39, 23

 0, 18, 18


 0, 0, 0


 138, 188, 167


 138, 188, 167


 119, 188, 159


 157, 188, 175

 100, 188, 151


 176, 188, 183

 82, 188, 144


 192, 188, 194

 63, 188, 136

 203, 188, 213

 44, 188, 128

 214, 188, 232

 25, 188, 119

 224, 188, 251

 6, 188, 111

 235, 188, 255

 0, 188, 109

 246, 188, 255

 255, 188, 255

Harmonies

Analogous

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



135, 189, 126



138, 188, 167



128, 171, 193

Triad

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



138, 188, 167



121, 162, 229



233, 160, 171

Complementary

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



138, 188, 167



167, 138, 188

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.



221, 162, 198



138, 188, 167



159, 174, 231

Square

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



138, 188, 167



98, 150, 213



195, 169, 220



229, 169, 146

Rectangle

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



138, 188, 167



110, 156, 194



195, 169, 220



231, 160, 180

Sweetspot

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



138, 188, 167



225, 245, 237



177, 188, 138



110, 122, 117



250, 250, 250



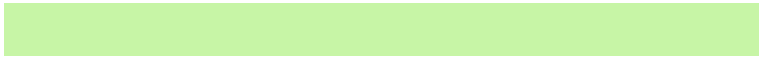
122, 122, 122

Same Dimension

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



138, 188, 167



166, 245, 212



138, 185, 188



85, 94, 90



0, 158, 92



0, 31, 18

Inverse Universe

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



167, 138, 188



212, 166, 245



188, 138, 185



90, 85, 94



92, 0, 158



18, 0, 31

Previews

White Background



This preview shows how the RYB color 138, 188, 167 looks on a white background.

Color Contrast Check

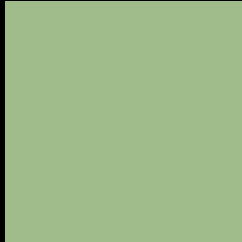
Large Text (above 18pt) WCAG AA × Fail

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, 188, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

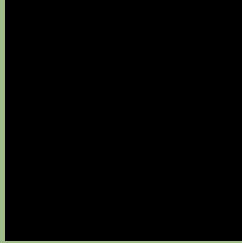
Any Text WCAG AA ✓ Pass

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, 188, 167 Background



This preview shows how black text looks on a background with the RYB color 138, 188, 167.



This preview shows how white text looks on a background with the RYB color 138, 188, 167.

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, 188, 167

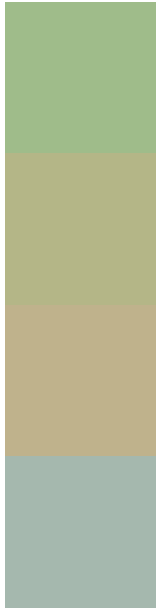
Protanopia
151, 192, 134

Deuteranopia
209, 198, 141



Tritanopia
168, 177, 195

Trichromacy



Original Color
138, 188, 167

Protanomaly
135, 182, 137

Deuteranomaly
157, 191, 140

Tritanomaly
165, 178, 184

Monochromacy



Original Color
138, 188, 167

Achromatopsia
174, 174, 174

Achromatomaly
161, 179, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 188, 167 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(159, 188, 138) looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 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(159, 188, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 188, 167 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(159, 188, 138) }
```

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

```
.border{ border-color:rgb(159, 188, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 188, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 138);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 138, 188, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 138) }
```

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

```
.background{ background-color: rgb(159,  
188, 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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