

Converting Colors

`RYB(138, 190, 167)`

Have a look what the booklet for
RYB(138, 190, 167) contains.

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Color

R_YB(138, 190, 167)

Conversions

Conversions Part 1

Format	Color
Hex	A1BE8A
RGB	161, 190, 138
RGB Percent	63%, 75%, 54%
CMY	0.3686, 0.2549, 0.4588
CMYK	0.15, 0.00, 0.27, 0.25
HSL	93°, 29%, 64%
HSV	93°, 27%, 75%
XYZ	37.6988, 46.2390, 30.9828
YIQ	175.4010, -0.5920, -22.3200

Conversions

Conversions Part 2

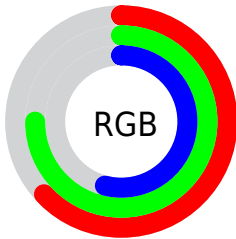
Format	Color
RYB	138, 190, 167
Decimal	10600074
CIELab	73.70, -19.27, 23.11
CIELCh	74, 30.090, 129.829
Yxy	46.2390, 0.3280, 0.4024
Android (android.graphics.Color)	4288790154 (0xFFA1BE8A)
YUV	175.4010, -18.4387, -12.6297
Hunter-Lab	67.9992, -20.0381, 20.5849

Details

The RYB color **138, 190, 167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167, 138, 190**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **192, 246, 222**, and **88, 137, 116** is the 20% darker color. If you saturate the color by 10%, you get **119, 190, 159**, and if you desaturate by 10%, it is **157, 190, 175**.

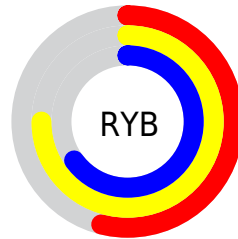
Distribution



Red (63%)

Green (75%)

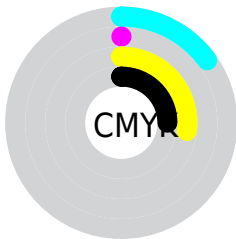
Blue (54%)



Red (54%)

Yellow (75%)

Blue (65%)

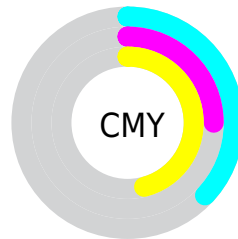


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (25%)



Cyan (37%)

Magenta (25%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 190, 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, 190, 167 by changing the saturation by 10% instead.

 138, 190, 167


255, 255, 255


 192, 246, 222


 220, 255, 230


 248, 255, 248

 138, 190, 167

 112, 163, 141

 88, 137, 116

 64, 111, 91

 41, 87, 68

 19, 63, 45

 0, 41, 24

 0, 21, 21


 0, 0, 0

 138, 190, 167


 138, 190, 167

 119, 190, 159


 157, 190, 175

 100, 190, 150


 176, 190, 184

 81, 190, 142


 193, 190, 195


 62, 190, 133

 203, 190, 214

 43, 190, 125

 214, 190, 233


 24, 190, 117

 225, 190, 252

 5, 190, 108

 235, 190, 255

 0, 190, 106

 246, 190, 255

 255, 190, 255

Harmonies

Analogous

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



138, 192, 126



138, 190, 167



129, 173, 195

Triad

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



138, 190, 167



120, 163, 232



236, 161, 173

Complementary

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



138, 190, 167



167, 138, 190

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.



224, 163, 201



138, 190, 167



159, 176, 235

Square

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



138, 190, 167



96, 150, 215



197, 171, 224



233, 170, 147

Rectangle

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



138, 190, 167



110, 157, 196



197, 171, 224



234, 161, 182

Sweetspot

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



138, 190, 167



228, 247, 239



179, 190, 138



112, 125, 119



252, 252, 252



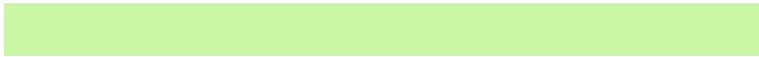
125, 125, 125

Same Dimension

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



138, 190, 167



166, 247, 211



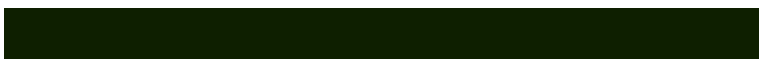
138, 187, 190



85, 94, 90



0, 158, 88



0, 31, 17

Inverse Universe

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



167, 138, 190



211, 166, 247



190, 138, 187



90, 85, 94



88, 0, 158



17, 0, 31

Previews

White Background



This preview shows how the RYB color 138, 190, 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, 190, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

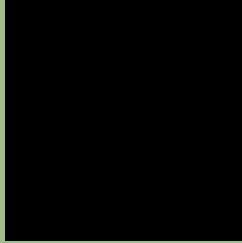
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

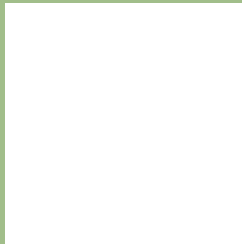
Any Text WCAG AAA ✓ Pass

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

R Y B 138, 190, 167 Background



This preview shows how black text looks on a background with the RYB color 138, 190, 167.

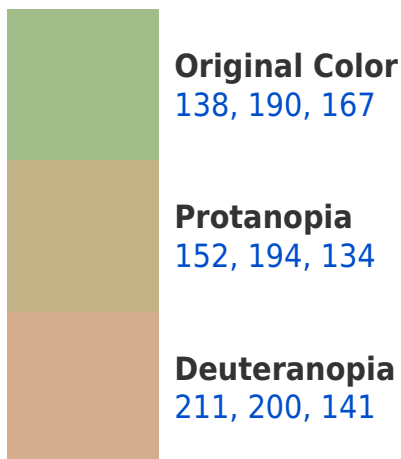


This preview shows how white text looks on a background with the RYB color 138, 190, 167.

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](#).

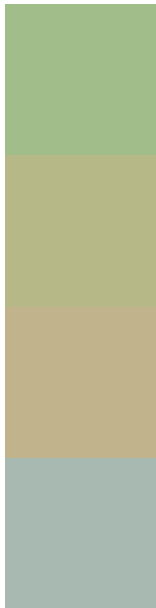
Dichromacy





Tritanopia
170, 178, 197

Trichromacy



Original Color
138, 190, 167

Protanomaly
135, 184, 137

Deuteranomaly
159, 193, 140

Tritanomaly
167, 179, 185

Monochromacy



Original Color
138, 190, 167

Achromatopsia
175, 175, 175

Achromatomaly
162, 180, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 190, 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(161, 190, 138)` looks like.

```
.text, #text, p{  
    color:rgb(161, 190, 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, 190, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 190, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 190, 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(161, 190, 138) }
```

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

```
.border{ border-color:rgb(161, 190, 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, 190, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 190, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 190, 138); box-shadow:4px 4px 4px 4px rgb(161, 190, 138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 190, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 190, 138) }
```

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

```
.background{ background-color: rgb(161,  
190, 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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