

Converting Colors

`RYB(138, 175, 127)`

Have a look what the booklet for
RYB(138, 175, 127) contains.

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Color

R_YB(138, 175, 127)

Conversions

Conversions Part 1

Format	Color
Hex	AFA67F
RGB	175, 166, 127
RGB Percent	69%, 65%, 50%
CMY	0.3137, 0.3488, 0.5020
CMYK	0.00, 0.05, 0.27, 0.31
HSL	49°, 23%, 59%
HSV	49°, 27%, 69%
XYZ	35.1554, 37.9372, 25.5484
YIQ	164.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

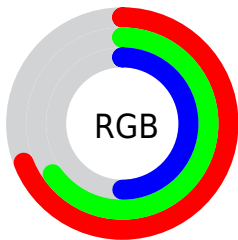
Format	Color
RYB	138, 175, 127
Decimal	11511423
CIELab	67.97, -3.05, 21.43
CIElCh	68, 21.642, 98.092
Yxy	37.9372, 0.3564, 0.3846
Android (android.graphics.Color)	4289701503 (0xFFAFA67F)
YUV	164.2450, -18.3618, 9.4321
Hunter-Lab	61.5932, -5.9059, 18.5222

Details

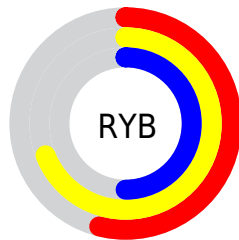
The RYB color **138, 175, 127** is a light color, and the websafe version is hex **999966**. A complement of this color would be **127, 135, 175**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **192, 231, 180**, and **88, 122, 78** is the 20% darker color. If you saturate the color by 10%, you get **125, 175, 110**, and if you desaturate by 10%, it is **153, 175, 145**.

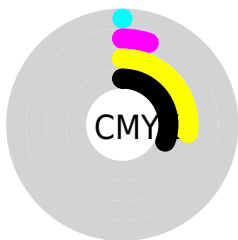
Distribution



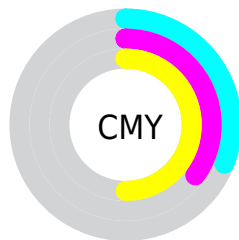
- Red (69%)
- Green (65%)
- Blue (50%)



- Red (54%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 175, 127 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, 127 by changing the saturation by 10% instead.


 138, 175, 127


255, 255, 255

 192, 231, 180

 214, 255, 208


 236, 255, 236

 138, 175, 127

 112, 148, 102

 88, 122, 78

 62, 97, 54

 38, 72, 32


 17, 49, 11

 3, 27, 0

 0, 0, 0

 138, 175, 127

 125, 175, 110

 138, 175, 127

 153, 175, 145

■ 110, 175, 92

■ 164, 175, 162

■ 98, 175, 75

■ 175, 176, 180

■ 84, 175, 57

■ 175, 178, 197

■ 70, 175, 39

■ 175, 181, 215

■ 58, 175, 22

■ 175, 184, 232

■ 43, 175, 4

■ 175, 187, 250

■ 41, 175, 0

■ 175, 189, 255

■ 175, 191, 255

Harmonies

Analogous

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



193, 187, 130



138, 175, 127



135, 172, 154

Triad

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



138, 175, 127



111, 146, 189



195, 154, 181

Complementary

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



138, 175, 127



127, 135, 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.



176, 159, 196



138, 175, 127



125, 154, 201

Square

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



138, 175, 127



115, 148, 177



150, 162, 204



205, 152, 161

Rectangle

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



138, 175, 127



138, 170, 175



150, 162, 204



190, 155, 187

Sweetspot

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



138, 175, 127



213, 227, 209



175, 127, 137



105, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



138, 175, 127



169, 227, 152



127, 175, 141



81, 87, 78



34, 150, 0



5, 23, 0

Inverse Universe

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



127, 135, 175



152, 164, 227



141, 127, 175



78, 80, 87



0, 24, 150



0, 3, 23

Previews

White Background



This preview shows how the RYB color 138, 175, 127 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, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

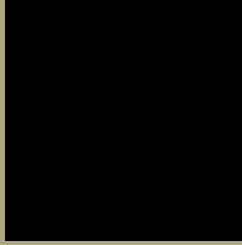
Any Text WCAG AA ✓ Pass

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, 127 Background



This preview shows how black text looks on a background with the RYB color 138, 175, 127.



This preview shows how white text looks on a background with the RYB color 138, 175, 127.

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, 127

Protanopia

143, 177, 127

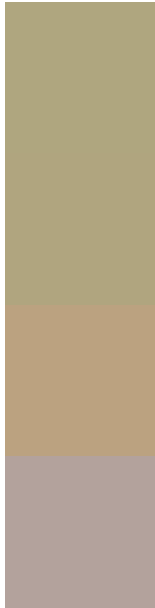
Deuteranopia

194, 186, 128



Tritanopia
181, 160, 172

Trichromacy



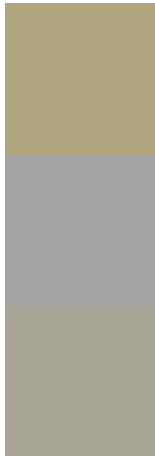
Original Color
138, 175, 127

Protanomaly
141, 176, 127

Deuteranomaly
171, 187, 128

Tritanomaly
179, 164, 156

Monochromacy



Original Color
138, 175, 127

Achromatopsia
164, 164, 164

Achromatomaly
155, 168, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 175, 127 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(175, 166, 127) looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 127)  
}
```

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(175, 166, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 127) }
```

Border

The CSS property to change the border of an element to RYB 138, 175, 127 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(175, 166, 127) }
```

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

```
.border{ border-color:rgb(175, 166, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 166, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 138, 175, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 127) }
```

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

```
.background{ background-color: rgb(175,  
166, 127) }
```

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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