

Converting Colors

`RYB(135, 167, 147)`

Have a look what the booklet for
RYB(135, 167, 147) contains.

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Color

R_YB(135, 167, 147)

Conversions

Conversions Part 1

Format	Color
Hex	9BA787
RGB	155, 167, 135
RGB Percent	61%, 65%, 53%
CMY	0.3922, 0.3451, 0.4706
CMYK	0.07, 0.00, 0.19, 0.35
HSL	83°, 15%, 59%
HSV	83°, 19%, 65%
XYZ	31.7095, 36.3553, 28.2677
YIQ	159.7640, 3.1200, -12.4960

Conversions

Conversions Part 2

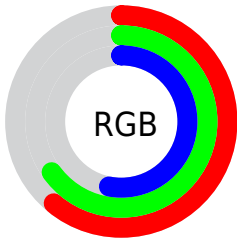
Format	Color
RYB	135, 167, 147
Decimal	10200967
CIELab	66.79, -10.08, 15.16
CIELCh	67, 18.199, 123.618
Yxy	36.3553, 0.3292, 0.3774
Android (android.graphics.Color)	4288391047 (0xFF9BA787)
YUV	159.7640, -12.2087, -4.1780
Hunter-Lab	60.2953, -11.6432, 14.4104

Details

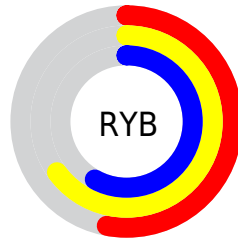
The RYB color **135, 167, 147** is a light color, and the websafe version is hex **999966**. A complement of this color would be **147, 135, 167**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **188, 222, 200**, and **85, 115, 96** is the 20% darker color. If you saturate the color by 10%, you get **118, 167, 136**, and if you desaturate by 10%, it is **152, 167, 158**.

Distribution



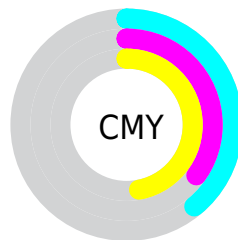
- Red (61%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 167, 147 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 135, 167, 147 by changing the saturation by 10% instead.

 135, 167, 147

255, 255, 255

 188, 222, 200

 216, 251, 229


 245, 255, 245

 135, 167, 147

 110, 141, 122

 85, 115, 96


 62, 91, 74

 40, 67, 51


 19, 45, 30

 0, 25, 13

 0, 0, 0

 135, 167, 147


 118, 167, 136

 135, 167, 147


 152, 167, 158


 102, 167, 127

 168, 167, 168

 85, 167, 116

 174, 167, 185

 68, 167, 105

 180, 167, 202

 52, 167, 95


 186, 167, 218

 35, 167, 85


 193, 167, 235


 18, 167, 74

 199, 167, 252

 1, 167, 63

 205, 167, 255

 0, 167, 63

 211, 167, 255

Harmonies

Analogous

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



145, 173, 130



135, 167, 147



137, 163, 171

Triad

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



135, 167, 147



127, 152, 191



195, 151, 161

Complementary

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



135, 167, 147



147, 135, 167

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.



186, 153, 177



135, 167, 147



146, 159, 195

Square

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



135, 167, 147



118, 147, 180



168, 158, 190



196, 153, 145

Rectangle

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



135, 167, 147



126, 153, 172



168, 158, 190



193, 151, 167

Sweetspot

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



135, 167, 147



204, 217, 209



167, 154, 135



102, 110, 105



237, 237, 237



110, 110, 110

Same Dimension

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



135, 167, 147



167, 217, 186



135, 167, 163



76, 84, 79



0, 148, 56



0, 20, 7

Inverse Universe

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



147, 135, 167



186, 167, 217



163, 135, 167



79, 76, 84



55, 0, 148



8, 0, 20

Previews

White Background



This preview shows how the RYB color 135, 167, 147 looks on a white background.

Color Contrast Check

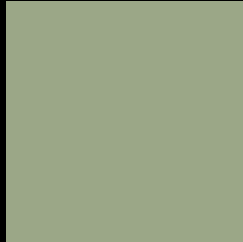
Large Text (above 18pt) WCAG AA × Fail

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 135, 167, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

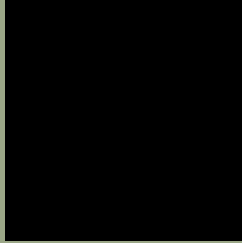
Any Text WCAG AA ✓ Pass

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 135, 167, 147 Background



This preview shows how black text looks on a background with the RYB color 135, 167, 147.



This preview shows how white text looks on a background with the RYB color 135, 167, 147.

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
135, 167, 147

Protanopia
146, 172, 133

Deuteranopia
187, 168, 137



Tritanopia
161, 162, 174

Trichromacy



Original Color
135, 167, 147

Protanomaly
136, 166, 134

Deuteranomaly
160, 175, 136

Tritanomaly
159, 163, 164

Monochromacy



Original Color
135, 167, 147

Achromatopsia
160, 160, 160

Achromatomaly
151, 163, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 167, 147 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(155, 167, 135)` looks like.

```
.text, #text, p{  
    color:rgb(155, 167, 135)  
}
```

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(155, 167, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 167, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 167, 147 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(155, 167, 135) }
```

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

```
.border{ border-color:rgb(155, 167, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 167, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 167, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 167, 135); box-shadow:4px 4px 4px 4px rgb(155, 167, 135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 167, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 167, 135) }
```

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

```
.background{ background-color: rgb(155,  
167, 135) }
```

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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