

Converting Colors

`RYB(134, 167, 149)`

Have a look what the booklet for
RYB(134, 167, 149) contains.

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Color

R_YB(134, 167, 149)

Conversions

Conversions Part 1

Format	Color
Hex	98A786
RGB	152, 167, 134
RGB Percent	60%, 65%, 53%
CMY	0.4039, 0.3451, 0.4745
CMYK	0.09, 0.00, 0.20, 0.35
HSL	87°, 16%, 59%
HSV	87°, 20%, 65%
XYZ	31.0707, 36.0341, 27.8719
YIQ	158.7530, 1.6530, -13.4430

Conversions

Conversions Part 2

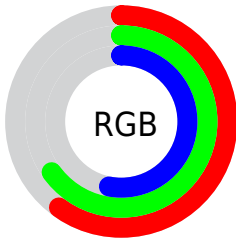
Format	Color
RYB	134, 167, 149
Decimal	10004358
CIELab	66.55, -11.37, 15.33
CIELCh	67, 19.085, 126.552
Yxy	36.0341, 0.3271, 0.3794
Android (android.graphics.Color)	4288194438 (0xFF98A786)
YUV	158.7530, -12.2032, -5.9224
Hunter-Lab	60.0284, -12.6581, 14.4908

Details

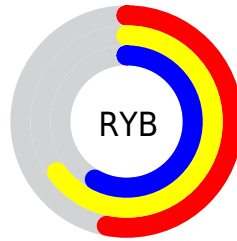
The RYB color **134, 167, 149** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149, 134, 167**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **187, 222, 203**, and **84, 115, 98** is the 20% darker color. If you saturate the color by 10%, you get **117, 167, 140**, and if you desaturate by 10%, it is **151, 167, 158**.

Distribution



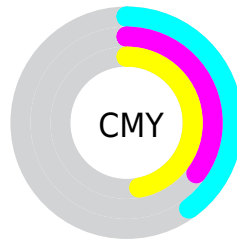
- Red (60%)
- Green (65%)
- Blue (53%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 167, 149 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 134, 167, 149 by changing the saturation by 10% instead.


 134, 167, 149

255, 255, 255


 187, 222, 203


 215, 251, 231

 243, 255, 243

 134, 167, 149

 109, 141, 124

 84, 115, 98


 61, 90, 74


 39, 67, 52


 18, 45, 31


 0, 25, 18

 0, 0, 0

 134, 167, 149

 117, 167, 140

 134, 167, 149

 151, 167, 158

■ 101, 167, 131

■ 167, 167, 167

■ 84, 167, 122

■ 175, 167, 184

■ 67, 167, 112

■ 182, 167, 201

■ 50, 167, 103

■ 190, 167, 217

■ 34, 167, 95

■ 198, 167, 234

■ 17, 167, 85

■ 205, 167, 251

■ 0, 167, 76

■ 213, 167, 255

■ 220, 167, 255

Harmonies

Analogous

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



139, 171, 128



134, 167, 149



133, 159, 170

Triad

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



134, 167, 149



126, 151, 193



197, 150, 159

Complementary

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



134, 167, 149



149, 134, 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.



187, 151, 176



134, 167, 149



147, 158, 196

Square

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



134, 167, 149



115, 146, 182



170, 156, 189



196, 154, 142

Rectangle

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



134, 167, 149



122, 151, 172



170, 156, 189



195, 150, 164

Sweetspot

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



134, 167, 149



204, 217, 210



167, 162, 134



102, 110, 106



237, 237, 237



110, 110, 110

Same Dimension

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



134, 167, 149



165, 217, 189



134, 167, 165



76, 84, 80



0, 148, 67



0, 20, 9

Inverse Universe

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



149, 134, 167



188, 165, 217



165, 134, 167



80, 76, 84



67, 0, 148



9, 0, 20

Previews

White Background



This preview shows how the RYB color 134, 167, 149 looks on a white background.

Color Contrast Check

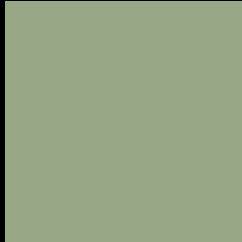
Large Text (above 18pt) WCAG AA × Fail

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 134, 167, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

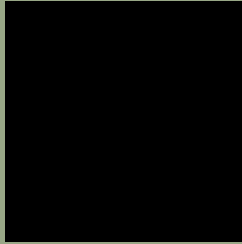
Any Text WCAG AA ✓ Pass

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 134, 167, 149 Background



This preview shows how black text looks on a background with the RYB color 134, 167, 149.



This preview shows how white text looks on a background with the RYB color 134, 167, 149.

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
158, 161, 174

Trichromacy



Original Color

134, 167, 149

Protanomaly

133, 164, 132

Deuteranomaly

159, 174, 135

Tritanomaly

156, 161, 163

Monochromacy



Original Color

134, 167, 149

Achromatopsia

159, 159, 159

Achromatomaly

150, 162, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 167, 149 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(152, 167, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 167, 134)  
}
```

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(152, 167, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 167, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 167, 149 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(152, 167, 134) }
```

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

```
.border{ border-color:rgb(152, 167, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 167, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 167, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 167, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 167,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 167, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 167, 134) }
```

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

```
.background{ background-color: rgb(152,  
167, 134) }
```

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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