

Converting Colors

`RYB(135, 167, 109)`

Have a look what the booklet for
RYB(135, 167, 109) contains.

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Color

R_YB(135, 167, 109)

Conversions

Conversions Part 1

Format	Color
Hex	A7956D
RGB	167, 149, 109
RGB Percent	65%, 58%, 43%
CMY	0.3451, 0.4155, 0.5725
CMYK	0.00, 0.11, 0.35, 0.35
HSL	41°, 25%, 54%
HSV	41°, 35%, 65%
XYZ	29.4516, 30.8296, 18.8664
YIQ	149.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

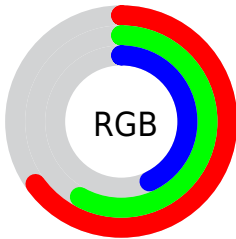
Format	Color
RYB	135, 167, 109
Decimal	10982765
CIELab	62.36, 0.57, 23.61
CIELCh	62, 23.617, 88.613
Yxy	30.8296, 0.3721, 0.3895
Android (android.graphics.Color)	4289172845 (0xFFA7956D)
YUV	149.8220, -20.1252, 15.0651
Hunter-Lab	55.5244, -2.4864, 18.7211

Details

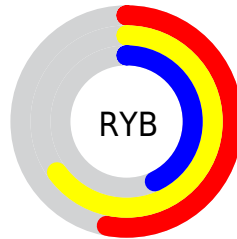
The RYB color **135, 167, 109** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **109, 123, 167**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **191, 223, 161**, and **84, 114, 61** is the 20% darker color. If you saturate the color by 10%, you get **125, 167, 92**, and if you desaturate by 10%, it is **145, 167, 126**.

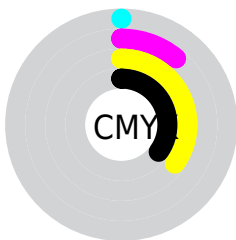
Distribution



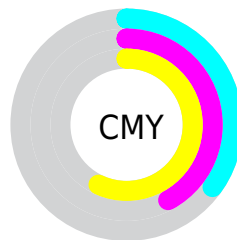
- Red (65%)
- Green (58%)
- Blue (43%)



- Red (53%)
- Yellow (65%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 167, 109 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, 109 by changing the saturation by 10% instead.

 135, 167, 109

255, 255, 255

 191, 223, 161

 219, 252, 188

 216, 255, 216


 244, 255, 244

 135, 167, 109

 125, 167, 92


 135, 167, 109

 108, 140, 84

 84, 114, 61

 57, 89, 38

 33, 64, 17

 15, 42, 0

 11, 14, 0

 0, 0, 0

 135, 167, 109

 145, 167, 126

■ 116, 167, 76

■ 154, 167, 142

■ 107, 167, 59

■ 162, 167, 159

■ 99, 167, 42

■ 167, 169, 176

■ 90, 167, 26

■ 167, 173, 192

■ 80, 167, 9

■ 167, 177, 209

■ 76, 167, 0

■ 167, 181, 226

■ 167, 185, 243

■ 167, 189, 255

Harmonies

Analogous

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



184, 158, 116



135, 167, 109



114, 156, 125

Triad

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



135, 167, 109



88, 127, 170



177, 139, 173

Complementary

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



135, 167, 109



109, 123, 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.



153, 146, 187



135, 167, 109



98, 134, 186

Square

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



135, 167, 109



99, 134, 162



123, 144, 192



191, 136, 153

Rectangle

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



135, 167, 109



123, 159, 153



123, 144, 192



170, 141, 179

Sweetspot

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



135, 167, 109



205, 217, 195



167, 109, 127



102, 110, 96



237, 237, 237



110, 110, 110

Same Dimension

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



135, 167, 109



166, 217, 126



109, 167, 120



79, 84, 76



67, 148, 0



9, 20, 0

Inverse Universe

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



109, 123, 167



126, 147, 217



120, 109, 167



76, 78, 84



0, 35, 148



0, 5, 20

Previews

White Background



This preview shows how the RYB color 135, 167, 109 looks on a white background.

Color Contrast Check

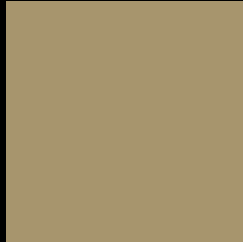
Large Text (above 18pt) WCAG AA × Fail

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, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

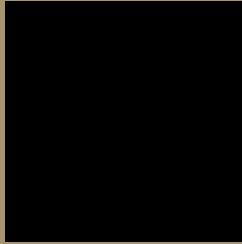
Any Text WCAG AA ✓ Pass

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 135, 167, 109 Background



This preview shows how black text looks on a background with the RYB color 135, 167, 109.



This preview shows how white text looks on a background with the RYB color 135, 167, 109.

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, 109

Protanopia
124, 162, 110

Deuteranopia
177, 179, 110



Tritanopia
172, 143, 154

Trichromacy



Original Color
135, 167, 109

Protanomaly
129, 164, 110

Deuteranomaly
162, 175, 110

Tritanomaly
170, 147, 138

Monochromacy



Original Color
135, 167, 109

Achromatopsia
150, 150, 150

Achromatomaly
143, 156, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 167, 109 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(167, 149, 109)` looks like.

```
.text, #text, p{  
    color:rgb(167, 149, 109)  
}
```

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(167, 149, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 149, 109) }
```

Border

The CSS property to change the border of an element to RYB 135, 167, 109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

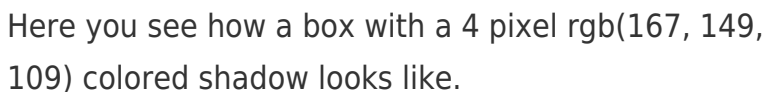
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 149, 109) }
```

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

```
.border{ border-color:rgb(167, 149, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 149, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 149, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 149, 109); box-shadow:4px 4px 4px 4px rgb(167, 149, 109) }
```

Background

The CSS property to change the background color of an element to RYB 135, 167, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 149, 109) }
```

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

```
.background{ background-color: rgb(167,  
149, 109) }
```

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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