

Converting Colors

`RYB(135, 170, 136)`

Have a look what the booklet for
RYB(135, 170, 136) contains.

RYB(135, 170, 136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(135, 170, 136)

Conversions

Conversions Part 1

Format	Color
Hex	A9AA87
RGB	169, 170, 135
RGB Percent	66%, 67%, 53%
CMY	0.3373, 0.3333, 0.4706
CMYK	0.01, 0.00, 0.21, 0.33
HSL	62°, 17%, 60%
HSV	62°, 21%, 67%
XYZ	35.1101, 38.9337, 28.5861
YIQ	165.7110, 10.6390, -11.0970

Conversions

Conversions Part 2

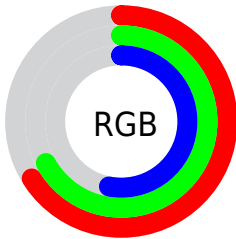
Format	Color
RYB	135, 170, 136
Decimal	11119239
CIELab	68.70, -6.34, 17.98
CIELCh	69, 19.062, 109.435
Yxy	38.9337, 0.3421, 0.3794
Android (android.graphics.Color)	4289309319 (0xFFA9AA87)
YUV	165.7110, -15.1405, 2.8845
Hunter-Lab	62.3969, -8.7545, 16.5151

Details

The RYB color **135, 170, 136** is a light color, and the websafe version is hex **999966**. A complement of this color would be **136, 135, 170**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **188, 225, 189**, and **85, 118, 86** is the 20% darker color. If you saturate the color by 10%, you get **118, 170, 119**, and if you desaturate by 10%, it is **152, 170, 153**.

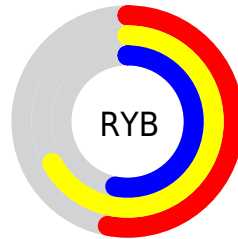
Distribution



Red (66%)

Green (67%)

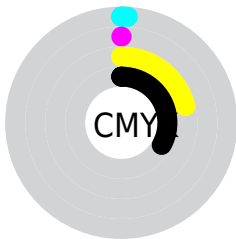
Blue (53%)



Red (53%)

Yellow (67%)

Blue (53%)

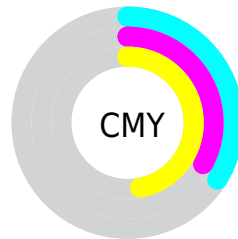


Cyan (1%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 170, 136 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, 170, 136 by changing the saturation by 10% instead.

 135, 170, 136


255, 255, 255

 188, 225, 189

 216, 254, 217

 245, 255, 245

 135, 170, 136

 110, 144, 112

 85, 118, 86

 62, 93, 63

 40, 70, 42


 19, 47, 21

 0, 27, 2

 0, 0, 0

 135, 170, 136

 118, 170, 119

 135, 170, 136

 152, 170, 153

■ 101, 170, 103

■ 169, 170, 169

■ 84, 170, 86

■ 170, 170, 186

■ 67, 170, 70

■ 171, 170, 203

■ 50, 170, 53

■ 171, 170, 220

■ 33, 170, 37

■ 172, 170, 237

■ 16, 170, 20

■ 172, 170, 254

■ 0, 170, 5

■ 173, 170, 255

Harmonies

Analogous

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



175, 187, 134



135, 170, 136



145, 175, 171

Triad

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



135, 170, 136



124, 153, 193



199, 156, 174

Complementary

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



135, 170, 136



136, 135, 170

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.



184, 160, 190



135, 170, 136



140, 161, 201

Square

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



135, 170, 136



121, 149, 178



163, 165, 200



204, 156, 157

Rectangle

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



135, 170, 136



137, 165, 177



163, 165, 200



195, 157, 180

Sweetspot

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



135, 170, 136



209, 222, 210



170, 136, 135



104, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



135, 170, 136



166, 222, 168



135, 170, 153



76, 84, 76



0, 148, 4



0, 20, 0

Inverse Universe

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



136, 135, 170



168, 166, 222



153, 135, 170



76, 76, 84



4, 0, 148



1, 0, 20

Previews

White Background



This preview shows how the RYB color 135, 170, 136 looks on a white background.

Color Contrast Check

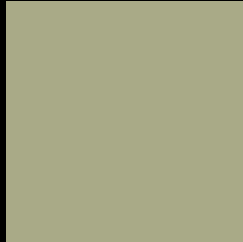
Large Text (above 18pt) WCAG AA × Fail

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, 170, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

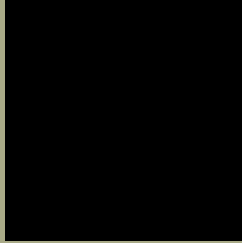
Any Text WCAG AA ✓ Pass

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, 170, 136 Background



This preview shows how black text looks on a background with the RYB color 135, 170, 136.



This preview shows how white text looks on a background with the RYB color 135, 170, 136.

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, 170, 136

Protanopia
149, 178, 134

Deuteranopia
194, 178, 137



Tritanopia

175, 164, 177

Trichromacy



Original Color
135, 170, 136

Protanomaly
142, 175, 134

Deuteranomaly
173, 185, 136

Tritanomaly
173, 168, 162

Monochromacy



Original Color
135, 170, 136

Achromatopsia
166, 166, 166

Achromatomaly
155, 167, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 170, 136 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(169, 170, 135)` looks like.

```
.text, #text, p{  
    color:rgb(169, 170, 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(169, 170, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 170, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 170, 136 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(169, 170, 135) }
```

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

```
.border{ border-color:rgb(169, 170, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 170, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 170, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 170, 135);  
box-shadow:4px 4px 4px 4px rgb(169, 170,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 170, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 170, 135) }
```

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

```
.background{ background-color: rgb(169,  
170, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor