

Converting Colors

`RYB(136, 175, 139)`

Have a look what the booklet for
RYB(136, 175, 139) contains.

RYB(136, 175, 139)	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(136, 175, 139)

Conversions

Conversions Part 1

Format	Color
Hex	ACAF88
RGB	172, 175, 136
RGB Percent	67%, 69%, 53%
CMY	0.3255, 0.3137, 0.4667
CMYK	0.02, 0.00, 0.22, 0.31
HSL	65°, 20%, 61%
HSV	65°, 22%, 69%
XYZ	36.7872, 41.2082, 29.3076
YIQ	169.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

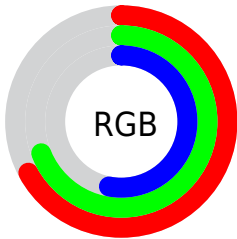
Format	Color
RYB	136, 175, 139
Decimal	11317128
CIELab	70.32, -7.69, 19.70
CIELCh	70, 21.147, 111.337
Yxy	41.2082, 0.3428, 0.3840
Android (android.graphics.Color)	4289507208 (0xFFACAF88)
YUV	169.6570, -16.5929, 2.0548
Hunter-Lab	64.1936, -10.0465, 17.8666

Details

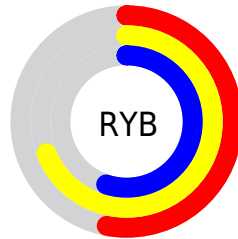
The RYB color **136, 175, 139** is a light color, and the websafe version is hex **999966**. A complement of this color would be **139, 136, 175**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **189, 230, 191**, and **86, 123, 90** is the 20% darker color. If you saturate the color by 10%, you get **119, 175, 123**, and if you desaturate by 10%, it is **154, 175, 156**.

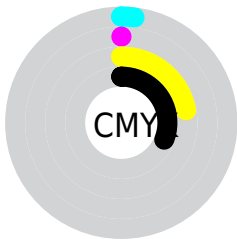
Distribution



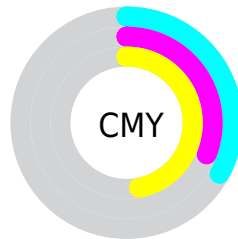
- Red (67%)
- Green (69%)
- Blue (53%)



- Red (53%)
- Yellow (69%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 175, 139 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 136, 175, 139 by changing the saturation by 10% instead.


 136, 175, 139


255, 255, 255

 189, 230, 191

 217, 255, 217


 246, 255, 246

 136, 175, 139

 111, 148, 114

 86, 123, 90

 62, 98, 66

 40, 74, 44

 19, 52, 24

 0, 30, 3

 0, 2, 2

 0, 0, 0

 136, 175, 139

 136, 175, 139

■ 119, 175, 123

■ 154, 175, 156

■ 101, 175, 107

■ 171, 175, 171

■ 84, 175, 91

■ 176, 175, 189

■ 66, 175, 74

■ 177, 175, 206

■ 49, 175, 59

■ 179, 175, 224

■ 31, 175, 42

■ 180, 175, 241

■ 14, 175, 26

■ 181, 175, 255

■ 0, 175, 13

■ 183, 175, 255

■ 184, 175, 255

Harmonies

Analogous

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



172, 192, 134



136, 175, 139



147, 180, 177

Triad

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



136, 175, 139



123, 156, 201



207, 159, 178

Complementary

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



136, 175, 139



139, 136, 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.



191, 163, 196



136, 175, 139



142, 164, 209

Square

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



136, 175, 139



119, 151, 185



168, 169, 208



212, 159, 159

Rectangle

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



136, 175, 139



136, 167, 182



168, 169, 208



203, 160, 185

Sweetspot

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



136, 175, 139



211, 227, 212



175, 139, 136



106, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



136, 175, 139



166, 227, 171



136, 175, 158



78, 87, 79



0, 150, 11



0, 23, 2

Inverse Universe

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



139, 136, 175



170, 166, 227



158, 136, 175



79, 78, 87



12, 0, 150



2, 0, 23

Previews

White Background



This preview shows how the RYB color 136, 175, 139 looks on a white background.

Color Contrast Check

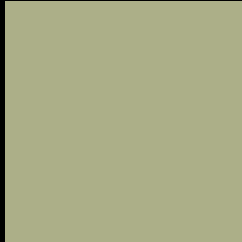
Large Text (above 18pt) WCAG AA × Fail

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 136, 175, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

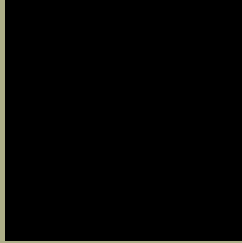
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

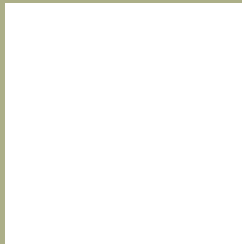
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 136, 175, 139 Background



This preview shows how black text looks on a background with the RYB color 136, 175, 139.




This preview shows how white text looks on a background with the RYB color 136, 175, 139.

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
178, 169, 182

Trichromacy



Original Color
136, 175, 139

Protanomaly
142, 179, 135

Deuteranomaly
172, 190, 137

Tritanomaly
174, 176, 165

Monochromacy



Original Color
136, 175, 139

Achromatopsia
170, 170, 170

Achromatomaly
158, 172, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 175, 139 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(172, 175, 136) looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 136)  
}
```

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(172, 175, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 175, 139 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(172, 175, 136) }
```

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

```
.border{ border-color:rgb(172, 175, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 175, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 136);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 175, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 136) }
```

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

```
.background{ background-color: rgb(172,  
175, 136) }
```

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