

Converting Colors

`RYB(136, 169, 101)`

Have a look what the booklet for
RYB(136, 169, 101) contains.

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Color

R_YB(136, 169, 101)

Conversions

Conversions Part 1

Format	Color
Hex	A99265
RGB	169, 146, 101
RGB Percent	66%, 57%, 40%
CMY	0.3373, 0.4279, 0.6039
CMYK	0.00, 0.14, 0.40, 0.34
HSL	40°, 28%, 53%
HSV	40°, 40%, 66%
XYZ	28.9736, 29.8995, 16.5560
YIQ	147.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

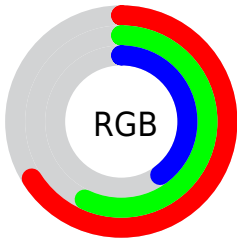
Format	Color
RYB	136, 169, 101
Decimal	11113061
CIELab	61.57, 2.16, 26.99
CIElCh	62, 27.075, 85.419
Yxy	29.8995, 0.3841, 0.3964
Android (android.graphics.Color)	4289303141 (0xFFA99265)
YUV	147.7470, -23.0463, 18.6389
Hunter-Lab	54.6804, -1.1087, 20.3246

Details

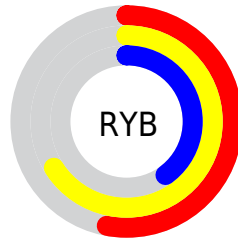
The RYB color **136, 169, 101** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **101, 118, 169**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **190, 225, 152**, and **80, 115, 53** is the 20% darker color. If you saturate the color by 10%, you get **128, 169, 84**, and if you desaturate by 10%, it is **144, 169, 118**.

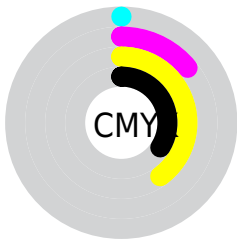
Distribution



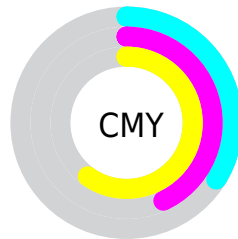
- Red (66%)
- Green (57%)
- Blue (40%)



- Red (53%)
- Yellow (66%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 169, 101 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, 169, 101 by changing the saturation by 10% instead.

 136, 169, 101

255, 255, 255


 190, 225, 152


 219, 254, 179

 207, 255, 207


 235, 255, 235

 136, 169, 101

 128, 169, 84


 136, 169, 101

 110, 142, 77

 80, 115, 53

 57, 90, 31


 28, 65, 8

 19, 42, 0

 14, 6, 0

 0, 0, 0

 136, 169, 101

 144, 169, 118

■ 120, 169, 67

■ 154, 169, 135

■ 110, 169, 50

■ 161, 169, 152

■ 103, 169, 33

■ 169, 169, 169

■ 95, 169, 16

■ 169, 173, 185

■ 86, 169, 0

■ 169, 177, 202

■ 169, 182, 219

■ 169, 186, 236

■ 169, 191, 253

Harmonies

Analogous

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



188, 154, 110



136, 169, 101



105, 153, 114

Triad

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



136, 169, 101



72, 118, 168



176, 136, 176

Complementary

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



136, 169, 101



101, 118, 169

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.



147, 144, 192



136, 169, 101



81, 126, 187

Square

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



136, 169, 101



90, 131, 162



112, 139, 196



193, 131, 153

Rectangle

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



136, 169, 101



114, 157, 145



112, 139, 196



167, 138, 182

Sweetspot

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



136, 169, 101



207, 219, 193



169, 101, 125



104, 110, 94



237, 237, 237



110, 110, 110

Same Dimension

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



136, 169, 101



167, 219, 114



101, 169, 111



81, 84, 76



76, 148, 0



11, 20, 0

Inverse Universe

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



101, 118, 169



114, 141, 219



111, 101, 169



76, 78, 84



0, 37, 148



0, 5, 20

Previews

White Background



This preview shows how the RYB color 136, 169, 101 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 169, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

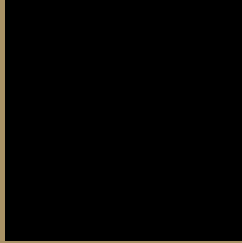
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 136, 169, 101 Background



This preview shows how black text looks on a background with the RYB color 136, 169, 101.



This preview shows how white text looks on a background with the RYB color 136, 169, 101.

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


136, 169, 101

Protanopia

117, 161, 102

Deuteranopia

170, 178, 102



Tritanopia
174, 140, 150

Trichromacy



Original Color
136, 169, 101

Protanomaly
124, 164, 102

Deuteranomaly
159, 175, 102

Tritanomaly
172, 145, 132

Monochromacy



Original Color
136, 169, 101

Achromatopsia
148, 148, 148

Achromatomaly
145, 156, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 169, 101 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, 146, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 146, 101)  
}
```

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, 146, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 146, 101) }
```

Border

The CSS property to change the border of an element to RYB 136, 169, 101 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, 146, 101) }
```

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

```
.border{ border-color:rgb(169, 146, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 146, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 146, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 146, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 146,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 136, 169, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 146, 101) }
```

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

```
.background{ background-color: rgb(169,  
146, 101) }
```

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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