

Converting Colors

`RYB(156, 169, 131)`

Have a look what the booklet for
RYB(156, 169, 131) contains.

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Color

R_YB(156, 169, 131)

Conversions

Conversions Part 1

Format	Color
Hex	A99A83
RGB	169, 154, 131
RGB Percent	66%, 60%, 51%
CMY	0.3373, 0.3964, 0.4863
CMYK	0.00, 0.09, 0.22, 0.34
HSL	36°, 18%, 59%
HSV	36°, 22%, 66%
XYZ	32.0014, 33.1587, 26.1863
YIQ	155.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

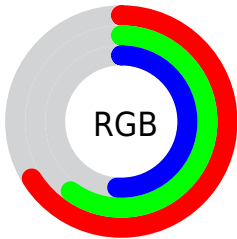
Format	Color
RYB	156, 169, 131
Decimal	11115139
CIELab	64.29, 1.77, 14.05
CIElCh	64, 14.165, 82.836
Yxy	33.1587, 0.3503, 0.3630
Android (android.graphics.Color)	4289305219 (0xFFA99A83)
YUV	155.8630, -12.2575, 11.5211
Hunter-Lab	57.5836, -1.5720, 13.3462

Details

The RYB color **156, 169, 131** is a light color, and the websafe version is hex **999999**. A complement of this color would be **131, 142, 169**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **213, 225, 184**, and **103, 116, 82** is the 20% darker color. If you saturate the color by 10%, you get **151, 169, 114**, and if you desaturate by 10%, it is **161, 169, 148**.

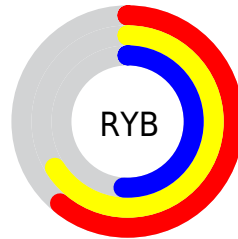
Distribution



Red (66%)

Green (60%)

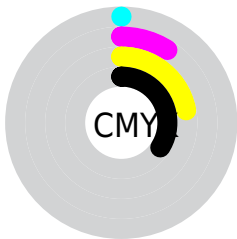
Blue (51%)



Red (61%)

Yellow (66%)

Blue (51%)

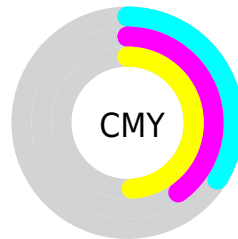


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 169, 131 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 156, 169, 131 by changing the saturation by 10% instead.


 156, 169, 131


255, 255, 255

 213, 225, 184

 241, 253, 212

 240, 255, 240


 156, 169, 131


 129, 142, 106

 103, 116, 82

 79, 92, 58


 57, 68, 37


 31, 45, 16


 18, 23, 0


 0, 0, 0

 156, 169, 131


 151, 169, 114

 156, 169, 131


 161, 169, 148

 143, 169, 97

 169, 169, 165

 138, 169, 80


 169, 173, 182

 133, 169, 63

 169, 178, 199

 127, 169, 46


 169, 182, 215

 121, 169, 30

 169, 187, 232

 116, 169, 13

 169, 192, 249

 111, 169, 0

 169, 196, 255

 169, 199, 255

Harmonies

Analogous

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



179, 157, 136



156, 169, 131



132, 158, 135

Triad

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



156, 169, 131



123, 143, 165



169, 150, 171

Complementary

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



156, 169, 131



131, 142, 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.



154, 154, 179



156, 169, 131



126, 147, 176

Square

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



156, 169, 131



129, 149, 163



138, 152, 181



180, 147, 159

Rectangle

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



156, 169, 131



137, 160, 151



138, 152, 181



165, 151, 174

Sweetspot

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



156, 169, 131



214, 219, 204



169, 131, 146



108, 110, 101



237, 237, 237



110, 110, 110

Same Dimension

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



156, 169, 131



198, 219, 160



131, 169, 135



81, 84, 76



98, 148, 0



13, 20, 0

Inverse Universe

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



131, 142, 169



160, 177, 219



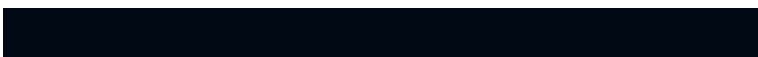
135, 131, 169



76, 78, 84



0, 42, 148



0, 6, 20

Previews

White Background



This preview shows how the RYB color 156, 169, 131 looks on a white background.

Color Contrast Check

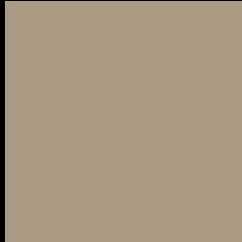
Large Text (above 18pt) WCAG AA × Fail

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 156, 169, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

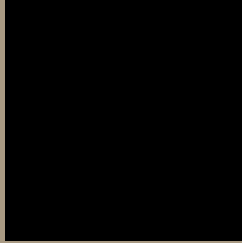
Any Text WCAG AA ✓ Pass

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 156, 169, 131 Background



This preview shows how black text looks on a background with the RYB color 156, 169, 131.



This preview shows how white text looks on a background with the RYB color 156, 169, 131.

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
156, 169, 131

Protanopia
143, 164, 132

Deuteranopia
179, 161, 132



Tritanopia
173, 150, 161

Trichromacy



Original Color
156, 169, 131

Protanomaly
148, 166, 132

Deuteranomaly
175, 166, 132

Tritanomaly
172, 151, 150

Monochromacy



Original Color
156, 169, 131

Achromatopsia
156, 156, 156

Achromatomaly
158, 161, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 169, 131 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, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 131)  
}
```

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, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 131) }
```

Border

The CSS property to change the border of an element to RYB 156, 169, 131 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, 154, 131) }
```

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

```
.border{ border-color:rgb(169, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 156, 169, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 131) }
```

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

```
.background{ background-color: rgb(169,  
154, 131) }
```

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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