

Converting Colors

`RYB(129, 171, 131)`

Have a look what the booklet for
RYB(129, 171, 131) contains.

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Color

R_YB(129, 171, 131)

Conversions

Conversions Part 1

Format	Color
Hex	A9AB81
RGB	169, 171, 129
RGB Percent	66%, 67%, 51%
CMY	0.3373, 0.3294, 0.4941
CMYK	0.01, 0.00, 0.25, 0.33
HSL	63°, 20%, 59%
HSV	63°, 25%, 67%
XYZ	34.8875, 39.1458, 26.4860
YIQ	165.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

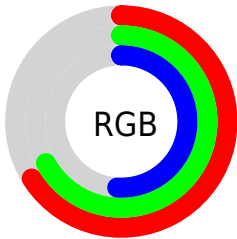
Format	Color
RYB	129, 171, 131
Decimal	11119489
CIELab	68.86, -7.76, 21.46
CIElCh	69, 22.818, 109.892
Yxy	39.1458, 0.3471, 0.3894
Android (android.graphics.Color)	4289309569 (0xFFA9AB81)
YUV	165.6140, -18.0507, 2.9695
Hunter-Lab	62.5666, -9.9588, 18.6977

Details

The RYB color **129, 171, 131** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131, 129, 171**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **182, 226, 183**, and **79, 119, 82** is the 20% darker color. If you saturate the color by 10%, you get **112, 171, 115**, and if you desaturate by 10%, it is **146, 171, 147**.

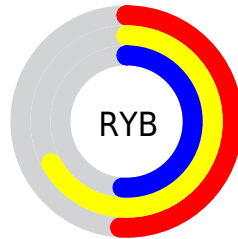
Distribution



Red (66%)

Green (67%)

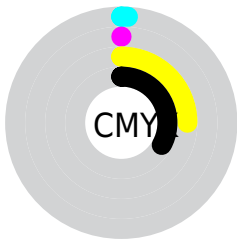
Blue (51%)



Red (51%)

Yellow (67%)

Blue (51%)

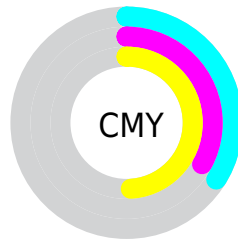


Cyan (1%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 171, 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 129, 171, 131 by changing the saturation by 10% instead.

 129, 171, 131


255, 255, 255

 182, 226, 183

 210, 255, 212

 238, 255, 238

 129, 171, 131

 104, 145, 107

 79, 119, 82

 56, 94, 59

 34, 71, 38

 13, 48, 16


 0, 27, 3

 0, 0, 0

 129, 171, 131

 112, 171, 115

 129, 171, 131

 146, 171, 147

■ 95, 171, 99

■ 163, 171, 163

■ 78, 171, 82

■ 171, 171, 180

■ 61, 171, 66

■ 172, 171, 197

■ 43, 171, 49

■ 173, 171, 214

■ 26, 171, 33

■ 174, 171, 232

■ 9, 171, 17

■ 175, 171, 249

■ 0, 171, 8

■ 176, 171, 255

Harmonies

Analogous

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



173, 190, 128



129, 171, 131



141, 176, 172

Triad

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



129, 171, 131



113, 150, 199



205, 154, 176

Complementary

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



129, 171, 131



131, 129, 171

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.



188, 158, 195



129, 171, 131



134, 159, 208

Square

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



129, 171, 131



110, 145, 181



162, 165, 207



211, 154, 155

Rectangle

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



129, 171, 131



130, 163, 179



162, 165, 207



200, 155, 183

Sweetspot

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



129, 171, 131



206, 222, 207



171, 130, 129



103, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



129, 171, 131



158, 222, 161



129, 171, 151



78, 87, 79



0, 150, 7



0, 23, 1

Inverse Universe

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



131, 129, 171



161, 158, 222



151, 129, 171



78, 78, 87



7, 0, 150



1, 0, 23

Previews

White Background



This preview shows how the RYB color 129, 171, 131 looks on a white background.

Color Contrast Check

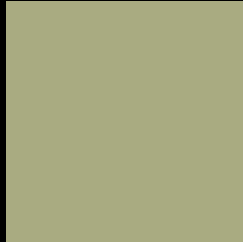
Large Text (above 18pt) WCAG AA × Fail

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 129, 171, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

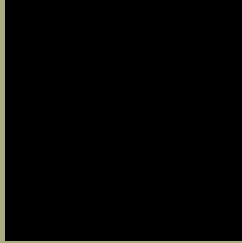
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

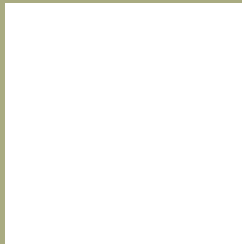
Any Text WCAG AAA ✓ Pass

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

RYB 129, 171, 131 Background



This preview shows how black text looks on a background with the RYB color 129, 171, 131.




This preview shows how white text looks on a background with the RYB color 129, 171, 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

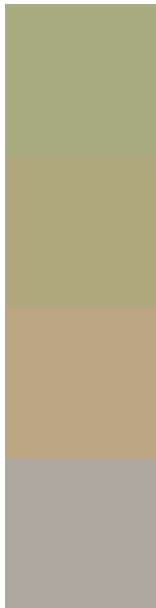




Tritanopia

175, 165, 178

Trichromacy



Original Color
129, 171, 131

Protanomaly
136, 176, 128

Deuteranomaly
166, 187, 130

Tritanomaly
171, 173, 160

Monochromacy



Original Color
129, 171, 131

Achromatopsia
166, 166, 166

Achromatomaly
153, 168, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 171, 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, 171, 129)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 129)  
}
```

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, 171, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 171, 131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

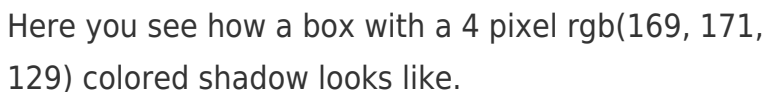
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 171, 129) }
```

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

```
.border{ border-color:rgb(169, 171, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 171, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 171, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 171, 129); box-shadow:4px 4px 4px 4px rgb(169, 171, 129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 171, 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, 171, 129) }
```

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

```
.background{ background-color: rgb(169,  
171, 129) }
```

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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