

Converting Colors

`RYB(160, 179, 131)`

Have a look what the booklet for
RYB(160, 179, 131) contains.

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Color

R_YB(160, 179, 131)

Conversions

Conversions Part 1

Format	Color
Hex	B3A183
RGB	179, 161, 131
RGB Percent	70%, 63%, 51%
CMY	0.2980, 0.3689, 0.4863
CMYK	0.00, 0.10, 0.27, 0.30
HSL	37°, 24%, 61%
HSV	37°, 27%, 70%
XYZ	35.4184, 36.6849, 26.6869
YIQ	162.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

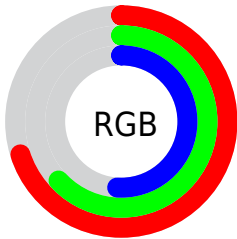
Format	Color
RYB	160, 179, 131
Decimal	11772291
CIELab	67.04, 1.87, 18.01
CIELCh	67, 18.107, 84.060
Yxy	36.6849, 0.3585, 0.3713
Android (android.graphics.Color)	4289962371 (0xFFB3A183)
YUV	162.9620, -15.7573, 14.0653
Hunter-Lab	60.5681, -1.6127, 16.2739

Details

The RYB color **160, 179, 131** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131, 144, 179**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **214, 235, 184**, and **106, 126, 81** is the 20% darker color. If you saturate the color by 10%, you get **153, 179, 113**, and if you desaturate by 10%, it is **166, 179, 149**.

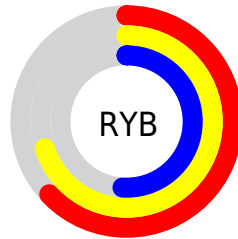
Distribution



Red (70%)

Green (63%)

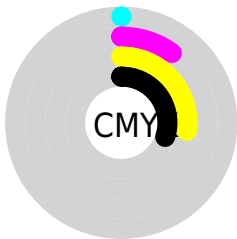
Blue (51%)



Red (63%)

Yellow (70%)

Blue (51%)

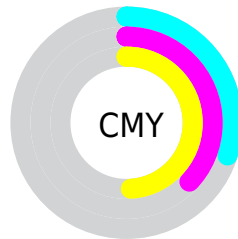


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (30%)



Cyan (30%)


Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 179, 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 160, 179, 131 by changing the saturation by 10% instead.


 160, 179, 131


255, 255, 255

 214, 235, 184


 227, 255, 212


 240, 255, 240


 160, 179, 131

 133, 152, 106

 108, 126, 81

 81, 100, 58

 58, 76, 36


 33, 52, 15


 17, 31, 0

 0, 0, 0

 160, 179, 131

 153, 179, 113

 160, 179, 131

 166, 179, 149

■ 147, 179, 95

■ 176, 179, 167

■ 138, 179, 77

■ 179, 181, 185

■ 131, 179, 59

■ 179, 186, 203

■ 126, 179, 42

■ 179, 191, 220

■ 119, 179, 24

■ 179, 195, 238

■ 110, 179, 6

■ 179, 200, 255

■ 107, 179, 0

■ 179, 203, 255

■ 179, 206, 255

Harmonies

Analogous

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



192, 166, 137



160, 179, 131



133, 166, 137

Triad

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



160, 179, 131



119, 146, 176



181, 155, 182

Complementary

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



160, 179, 131



131, 144, 179

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.



162, 160, 193



160, 179, 131



124, 151, 189

Square

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



160, 179, 131



127, 153, 172



140, 158, 195



194, 152, 167

Rectangle

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



160, 179, 131



139, 169, 159



140, 158, 195



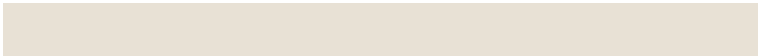
175, 157, 187

Sweetspot

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



160, 179, 131



224, 232, 213



179, 131, 149



112, 117, 106



245, 245, 245



117, 117, 117

Same Dimension

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



160, 179, 131



203, 232, 158



131, 179, 137



85, 89, 80



93, 153, 0



16, 26, 0

Inverse Universe

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



131, 144, 179



158, 178, 232



137, 131, 179



80, 83, 89



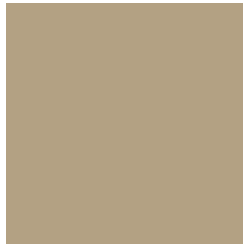
0, 42, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 160, 179, 131 looks on a white background.

Color Contrast Check

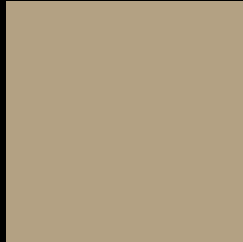
Large Text (above 18pt) WCAG AA × Fail

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 160, 179, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

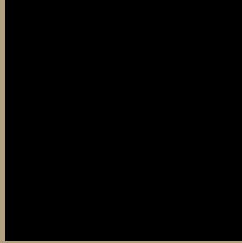
Any Text WCAG AA ✓ Pass

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 160, 179, 131 Background



This preview shows how black text looks on a background with the RYB color 160, 179, 131.



This preview shows how white text looks on a background with the RYB color 160, 179, 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
160, 179, 131

Protanopia
145, 173, 132

Deuteranopia
190, 176, 132



Tritanopia
183, 156, 168

Trichromacy



Original Color
160, 179, 131

Protanomaly
151, 175, 132

Deuteranomaly
186, 182, 132

Tritanomaly
182, 158, 155

Monochromacy



Original Color
160, 179, 131

Achromatopsia
163, 163, 163

Achromatomaly
162, 169, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 179, 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(179, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 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(179, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 131) }
```

Border

The CSS property to change the border of an element to RYB 160, 179, 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(179, 161, 131) }
```

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

```
.border{ border-color:rgb(179, 161, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 160, 179, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 131) }
```

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

```
.background{ background-color: rgb(179,  
161, 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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