

Converting Colors

`RYB(160, 179, 133)`

Have a look what the booklet for
RYB(160, 179, 133) contains.

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Color

R_YB(160, 179, 133)

Conversions

Conversions Part 1

Format	Color
Hex	B3A285
RGB	179, 162, 133
RGB Percent	70%, 64%, 52%
CMY	0.2980, 0.3648, 0.4784
CMYK	0.00, 0.10, 0.26, 0.30
HSL	38°, 23%, 61%
HSV	38°, 26%, 70%
XYZ	35.7420, 37.1130, 27.4700
YIQ	163.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

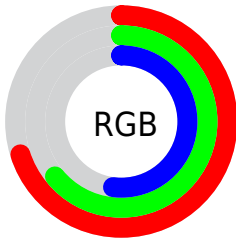
Format	Color
RYB	160, 179, 133
Decimal	11772549
CIELab	67.36, 1.58, 17.35
CIElCh	67, 17.423, 84.799
Yxy	37.1130, 0.3563, 0.3699
Android (android.graphics.Color)	4289962629 (0xFFB3A285)
YUV	163.7770, -15.1731, 13.3506
Hunter-Lab	60.9204, -1.8850, 15.9095

Details

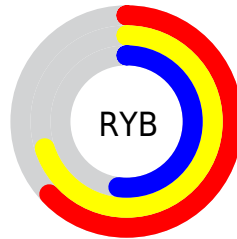
The RYB color **160, 179, 133** is a light color, and the websafe version is hex **999966**. A complement of this color would be **133, 145, 179**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **214, 235, 186**, and **108, 126, 83** is the 20% darker color. If you saturate the color by 10%, you get **153, 179, 115**, and if you desaturate by 10%, it is **167, 179, 151**.

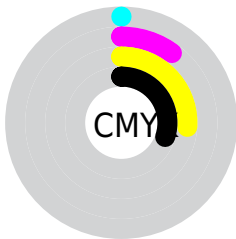
Distribution



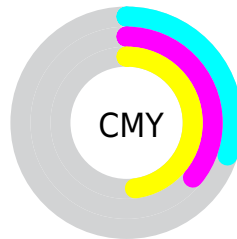
- Red (70%)
- Green (64%)
- Blue (52%)



- Red (63%)
- Yellow (70%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (30%)




- Cyan (30%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 179, 133 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, 133 by changing the saturation by 10% instead.


 160, 179, 133

255, 255, 255


 214, 235, 186


 227, 255, 214

 242, 255, 242

 160, 179, 133


 133, 152, 108

 108, 126, 83

 82, 100, 60

 58, 76, 38


 33, 52, 17


 15, 31, 0

 0, 0, 0

 160, 179, 133

 153, 179, 115

 160, 179, 133

 167, 179, 151

■ 144, 179, 97

■ 176, 179, 169

■ 138, 179, 79

■ 179, 181, 187

■ 129, 179, 61

■ 179, 186, 205

■ 123, 179, 44

■ 179, 191, 223

■ 117, 179, 26

■ 179, 196, 240

■ 108, 179, 8

■ 179, 200, 255

■ 105, 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.



191, 167, 139



160, 179, 133



135, 167, 140

Triad

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



160, 179, 133



122, 148, 177



182, 156, 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, 133



133, 145, 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.



163, 161, 192



160, 179, 133



127, 152, 189

Square

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



160, 179, 133



129, 154, 173



143, 159, 195



194, 153, 167

Rectangle

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



160, 179, 133



141, 170, 161



143, 159, 195



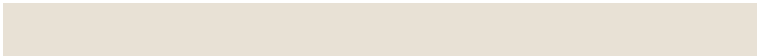
176, 158, 186

Sweetspot

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



160, 179, 133



224, 232, 213



179, 133, 151



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, 133



203, 232, 160



133, 179, 138



85, 89, 80



91, 153, 0



16, 26, 0

Inverse Universe

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



133, 145, 179



160, 180, 232



138, 133, 179



80, 83, 89



0, 42, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 160, 179, 133 looks on a white background.

Color Contrast Check

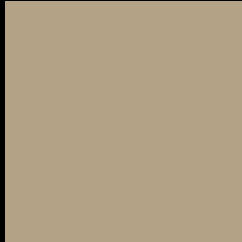
Large Text (above 18pt) WCAG AA × Fail

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, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

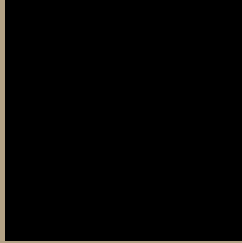
Any Text WCAG AA ✓ Pass

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, 133 Background



This preview shows how black text looks on a background with the RYB color 160, 179, 133.



This preview shows how white text looks on a background with the RYB color 160, 179, 133.

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, 133

Protanopia
147, 174, 134

Deuteranopia
190, 176, 134



Tritanopia
183, 157, 169

Trichromacy



Original Color
160, 179, 133

Protanomaly
153, 176, 134

Deuteranomaly
186, 182, 134

Tritanomaly
182, 159, 156

Monochromacy



Original Color
160, 179, 133

Achromatopsia
164, 164, 164

Achromatomaly
163, 169, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 179, 133 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, 162, 133) looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 133)  
}
```

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, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 133) }
```

Border

The CSS property to change the border of an element to RYB 160, 179, 133 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, 162, 133) }
```

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

```
.border{ border-color:rgb(179, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 160, 179, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 133) }
```

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

```
.background{ background-color: rgb(179,  
162, 133) }
```

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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