

Converting Colors

`RYB(160, 194, 171)`

Have a look what the booklet for
RYB(160, 194, 171) contains.

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Color

R_YB(160, 194, 171)

Conversions

Conversions Part 1

Format	Color
Hex	B7C2A0
RGB	183, 194, 160
RGB Percent	72%, 76%, 63%
CMY	0.2824, 0.2392, 0.3725
CMYK	0.06, 0.00, 0.18, 0.24
HSL	79°, 22%, 69%
HSV	79°, 18%, 76%
XYZ	45.1654, 51.1889, 40.7577
YIQ	186.8350, 4.3580, -12.9060

Conversions

Conversions Part 2

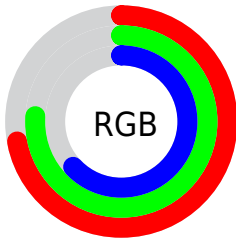
Format	Color
RYB	160, 194, 171
Decimal	12042912
CIELab	76.79, -9.80, 15.85
CIELCh	77, 18.633, 121.719
Yxy	51.1889, 0.3294, 0.3733
Android (android.graphics.Color)	4290232992 (0xFFB7C2A0)
YUV	186.8350, -13.2297, -3.3633
Hunter-Lab	71.5464, -12.5239, 16.3069

Details

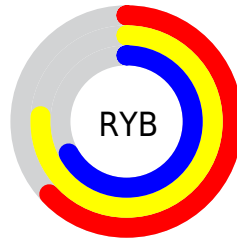
The RYB color **160, 194, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 160, 194**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **215, 250, 226**, and **108, 140, 118** is the 20% darker color. If you saturate the color by 10%, you get **141, 194, 158**, and if you desaturate by 10%, it is **179, 194, 184**.

Distribution



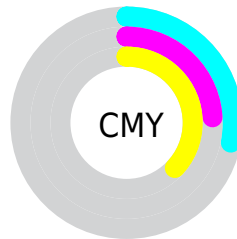
- Red (72%)
- Green (76%)
- Blue (63%)



- Red (63%)
- Yellow (76%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)




- Cyan (28%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 194, 171 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, 194, 171 by changing the saturation by 10% instead.


 160, 194, 171

255, 255, 255


 215, 250, 226


 243, 255, 243

 160, 194, 171

 134, 167, 145

 108, 140, 118

 84, 115, 94

 61, 90, 71


 39, 67, 49


 18, 45, 28

 0, 25, 12


 0, 0, 0

 160, 194, 171


 160, 194, 171

 141, 194, 158


 179, 194, 184

 121, 194, 145


 196, 194, 199

 102, 194, 132

 202, 194, 218


 82, 194, 118

 208, 194, 238

 63, 194, 105


 214, 194, 255

 44, 194, 93


 221, 194, 255

 24, 194, 79

 227, 194, 255

 5, 194, 66

 233, 194, 255

 0, 194, 63

 239, 194, 255

Harmonies

Analogous

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



173, 202, 155



160, 194, 171



164, 191, 198

Triad

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



160, 194, 171



152, 179, 219



224, 178, 189

Complementary

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



160, 194, 171



171, 160, 194

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.



213, 180, 206



160, 194, 171



171, 186, 224

Square

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



160, 194, 171



144, 173, 207



194, 185, 219



225, 180, 172

Rectangle

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



160, 194, 171



153, 180, 199



194, 185, 219



221, 178, 195

Sweetspot

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



160, 194, 171



240, 252, 244



194, 176, 160



120, 128, 123



0, 0, 0



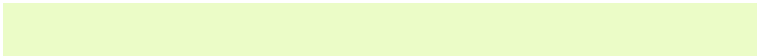
128, 128, 128

Same Dimension

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



160, 194, 171



199, 252, 216



160, 194, 188



87, 97, 90



0, 161, 52



0, 33, 11

Inverse Universe

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



171, 160, 194



217, 199, 252



188, 160, 194



90, 87, 97



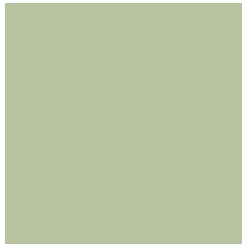
52, 0, 161



11, 0, 33

Previews

White Background



This preview shows how the RYB color 160, 194, 171 looks on a white background.

Color Contrast Check

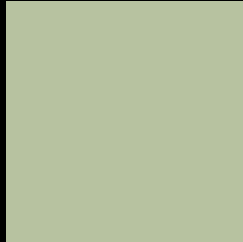
Large Text (above 18pt) WCAG AA × Fail

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, 194, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

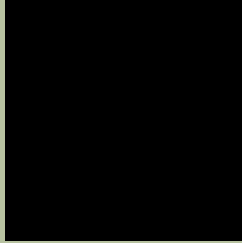
Any Text WCAG AA ✓ Pass

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, 194, 171 Background



This preview shows how black text looks on a background with the RYB color 160, 194, 171.



This preview shows how white text looks on a background with the RYB color 160, 194, 171.

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, 194, 171

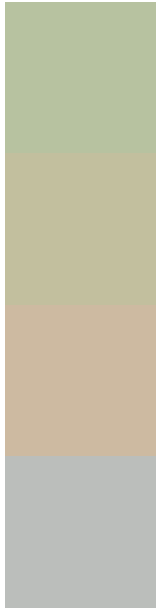
Protanopia
172, 200, 157

Deuteranopia
217, 193, 162



Tritanopia
189, 188, 203

Trichromacy



Original Color

160, 194, 171

Protanomaly

161, 194, 158

Deuteranomaly

194, 205, 161

Tritanomaly

187, 190, 190

Monochromacy



Original Color

160, 194, 171

Achromatopsia

187, 187, 187

Achromatomaly

177, 190, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 194, 171 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(183, 194, 160) looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 160)  
}
```

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(183, 194, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 194, 171 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(183, 194, 160) }
```

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

```
.border{ border-color:rgb(183, 194, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 194, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 160) }
```

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

```
.background{ background-color: rgb(183,  
194, 160) }
```

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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