

Converting Colors

`RYB(162, 181, 160)`

Have a look what the booklet for
RYB(162, 181, 160) contains.

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Color

R_YB(162, 181, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B5B3A0
RGB	181, 179, 160
RGB Percent	71%, 70%, 63%
CMY	0.2902, 0.2974, 0.3725
CMYK	0.00, 0.01, 0.12, 0.29
HSL	55°, 12%, 67%
HSV	55°, 12%, 71%
XYZ	41.5562, 44.6718, 39.6900
YIQ	177.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

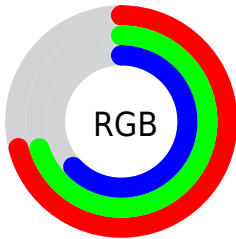
Format	Color
RYB	162, 181, 160
Decimal	11908000
CIELab	72.68, -2.73, 10.02
CIELCh	73, 10.385, 105.236
Yxy	44.6718, 0.3300, 0.3548
Android (android.graphics.Color)	4290098080 (0xFFB5B3A0)
YUV	177.4320, -8.5940, 3.1291
Hunter-Lab	66.8370, -5.9814, 11.5775

Details

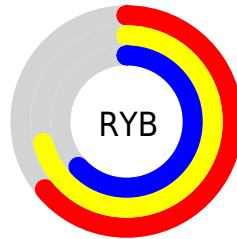
The RYB color **162, 181, 160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 162, 181**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **217, 237, 215**, and **111, 128, 109** is the 20% darker color. If you saturate the color by 10%, you get **145, 181, 142**, and if you desaturate by 10%, it is **178, 181, 178**.

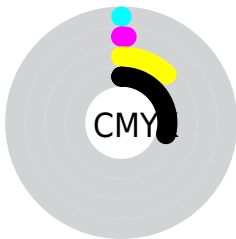
Distribution



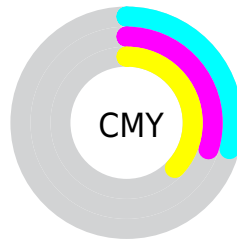
- Red (71%)
- Green (70%)
- Blue (63%)



- Red (64%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 181, 160 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 162, 181, 160 by changing the saturation by 10% instead.


 162, 181, 160


255, 255, 255


 217, 237, 215

 243, 255, 243

 162, 181, 160

 136, 154, 134

 110, 128, 109

 85, 103, 84


 62, 79, 61


 40, 56, 39

 19, 34, 19

 0, 11, 3


 0, 0, 0


 162, 181, 160


 162, 181, 160


 145, 181, 142

 178, 181, 178


 129, 181, 124


 181, 182, 196


 114, 181, 106

 181, 184, 214


 97, 181, 88

 181, 185, 232


 81, 181, 70


 181, 187, 251


 63, 181, 51

 181, 188, 255


 47, 181, 33

 181, 189, 255

 30, 181, 15

 181, 191, 255

 18, 181, 0

 181, 191, 255

Harmonies

Analogous

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



189, 191, 160



162, 181, 160



165, 182, 177

Triad

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



162, 181, 160



156, 171, 191



195, 172, 183

Complementary

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



162, 181, 160



160, 162, 181

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.



186, 174, 192



162, 181, 160



163, 175, 196

Square

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



162, 181, 160



155, 170, 184



174, 177, 196



199, 172, 174

Rectangle

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



162, 181, 160



163, 178, 183



174, 177, 196



192, 173, 186

Sweetspot

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



162, 181, 160



229, 235, 228



181, 160, 162



113, 117, 113



245, 245, 245



117, 117, 117

Same Dimension

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



162, 181, 160



205, 235, 202



160, 181, 168



81, 89, 80



14, 153, 0



3, 26, 0

Inverse Universe

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



160, 162, 181



202, 205, 235



168, 160, 181



80, 81, 89



0, 12, 153



0, 2, 26

Previews

White Background



This preview shows how the RYB color 162, 181, 160 looks on a white background.

Color Contrast Check

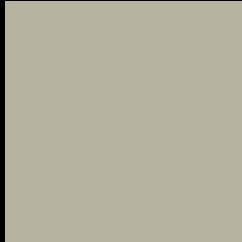
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 162, 181, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

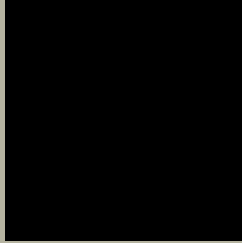
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

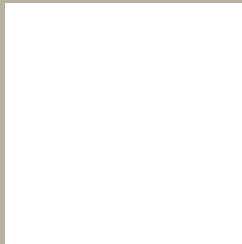
Any Text WCAG AAA ✓ Pass

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

RYB 162, 181, 160 Background



This preview shows how black text looks on a background with the RYB color 162, 181, 160.



This preview shows how white text looks on a background with the RYB color 162, 181, 160.

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
162, 181, 160

Protanopia
170, 186, 159

Deuteranopia
202, 176, 161



Tritanopia
185, 175, 189

Trichromacy



Original Color

162, 181, 160

Protanomaly

167, 184, 159

Deuteranomaly

194, 185, 161

Tritanomaly

184, 177, 178

Monochromacy



Original Color

162, 181, 160

Achromatopsia

178, 178, 178

Achromatomaly

172, 179, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 181, 160 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(181, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 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(181, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 160) }
```

Border

The CSS property to change the border of an element to RYB 162, 181, 160 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(181, 179, 160) }
```

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

```
.border{ border-color:rgb(181, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 162, 181, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 160) }
```

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

```
.background{ background-color: rgb(181,  
179, 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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