

Converting Colors

`RYB(158, 182, 160)`

Have a look what the booklet for
RYB(158, 182, 160) contains.

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Color

R_YB(158, 182, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B4B69E
RGB	180, 182, 158
RGB Percent	71%, 71%, 62%
CMY	0.2941, 0.2863, 0.3804
CMYK	0.01, 0.00, 0.13, 0.29
HSL	65°, 14%, 67%
HSV	65°, 13%, 71%
XYZ	41.7219, 45.6278, 38.9558
YIQ	178.6660, 6.5120, -7.8880

Conversions

Conversions Part 2

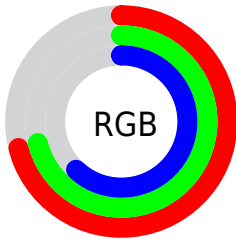
Format	Color
RYB	158, 182, 160
Decimal	11843230
CIELab	73.30, -4.93, 11.99
CIElCh	73, 12.964, 112.364
Yxy	45.6278, 0.3303, 0.3612
Android (android.graphics.Color)	4290033310 (0xFFB4B69E)
YUV	178.6660, -10.1883, 1.1699
Hunter-Lab	67.5484, -7.9574, 13.0907

Details

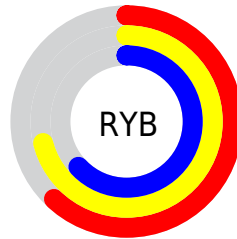
The RYB color **158, 182, 160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **160, 158, 182**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **213, 238, 215**, and **107, 129, 109** is the 20% darker color. If you saturate the color by 10%, you get **140, 182, 144**, and if you desaturate by 10%, it is **176, 182, 176**.

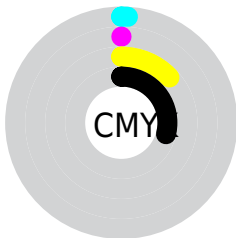
Distribution



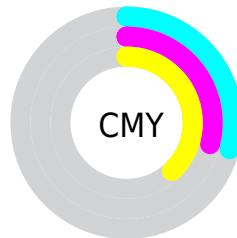
- Red (71%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 182, 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 158, 182, 160 by changing the saturation by 10% instead.

 158, 182, 160

255, 255, 255

 213, 238, 215

 241, 255, 241

 158, 182, 160

 132, 155, 134


 107, 129, 109

 82, 104, 84

 59, 80, 61

 37, 57, 39

 17, 36, 20

 0, 15, 9


 0, 0, 0

 158, 182, 160

 158, 182, 160

 140, 182, 144

 176, 182, 176

 122, 182, 127

 183, 182, 194

 103, 182, 110

 185, 182, 213

 85, 182, 93


 186, 182, 231


 67, 182, 77

 188, 182, 249


 49, 182, 60


 189, 182, 255


 31, 182, 44

 191, 182, 255

 12, 182, 26

 192, 182, 255

 0, 182, 15

 194, 182, 255

Harmonies

Analogous

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



183, 193, 157



158, 182, 160



165, 185, 184

Triad

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



158, 182, 160



153, 172, 198



202, 172, 184

Complementary

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



158, 182, 160



160, 158, 182

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.



193, 174, 195



158, 182, 160



164, 176, 203

Square

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



158, 182, 160



150, 169, 189



179, 178, 202



206, 172, 171

Rectangle

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



158, 182, 160



158, 177, 186



179, 178, 202



200, 173, 187

Sweetspot

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



158, 182, 160



228, 237, 229



182, 160, 158



114, 120, 115



247, 247, 247



120, 120, 120

Same Dimension

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



158, 182, 160



199, 237, 202



158, 182, 172



83, 92, 84



0, 156, 13



0, 28, 2

Inverse Universe

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



160, 158, 182



202, 199, 237



172, 158, 182



83, 83, 92



13, 0, 156



2, 0, 28

Previews

White Background



This preview shows how the RYB color 158, 182, 160 looks on a white background.

Color Contrast Check

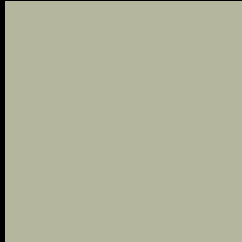
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 158, 182, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

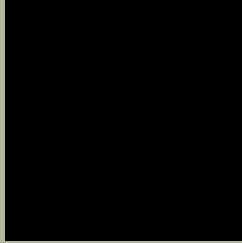
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

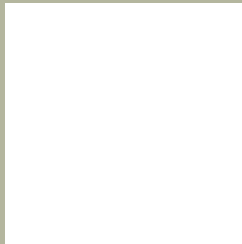
Any Text WCAG AAA ✓ Pass

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

RYB 158, 182, 160 Background



This preview shows how black text looks on a background with the RYB color 158, 182, 160.



This preview shows how white text looks on a background with the RYB color 158, 182, 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
158, 182, 160

Protanopia
170, 188, 157

Deuteranopia
205, 178, 160



Tritanopia
185, 177, 191

Trichromacy



Original Color

158, 182, 160

Protanomaly

163, 185, 157

Deuteranomaly

196, 190, 159

Tritanomaly

183, 179, 179

Monochromacy



Original Color

158, 182, 160

Achromatopsia

179, 179, 179

Achromatomaly

171, 180, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 182, 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(180, 182, 158) looks like.

```
.text, #text, p{  
    color:rgb(180, 182, 158)  
}
```

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(180, 182, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 182, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 182, 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(180, 182, 158) }
```

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

```
.border{ border-color:rgb(180, 182, 158) }
```

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

Here you see how a box with a 4 pixel rgb(180, 182, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 182, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 182, 158);  
box-shadow:4px 4px 4px 4px rgb(180, 182,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 182, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 182, 158) }
```

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

```
.background{ background-color: rgb(180,  
182, 158) }
```

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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