

Converting Colors

`RYB(160, 190, 162)`

Have a look what the booklet for
RYB(160, 190, 162) contains.

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Color

R_YB(160, 190, 162)

Conversions

Conversions Part 1

Format	Color
Hex	BCBEA0
RGB	188, 190, 160
RGB Percent	74%, 75%, 63%
CMY	0.2627, 0.2549, 0.3725
CMYK	0.01, 0.00, 0.16, 0.25
HSL	64°, 19%, 69%
HSV	64°, 16%, 75%
XYZ	45.4977, 50.0563, 40.5216
YIQ	185.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

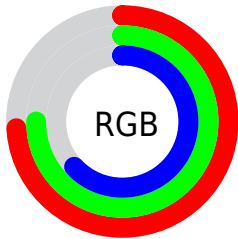
Format	Color
RYB	160, 190, 162
Decimal	12369568
CIELab	76.10, -5.87, 14.94
CIELCh	76, 16.052, 111.450
Yxy	50.0563, 0.3344, 0.3679
Android (android.graphics.Color)	4290559648 (0xFFBCBEA0)
YUV	185.9820, -12.8091, 1.7698
Hunter-Lab	70.7505, -9.0251, 15.5677

Details

The RYB color **160, 190, 162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162, 160, 190**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **215, 246, 217**, and **108, 137, 110** is the 20% darker color. If you saturate the color by 10%, you get **141, 190, 144**, and if you desaturate by 10%, it is **179, 190, 180**.

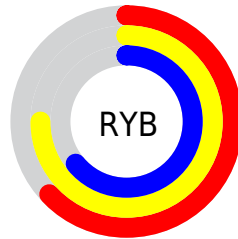
Distribution



Red (74%)

Green (75%)

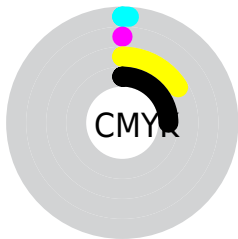
Blue (63%)



Red (63%)

Yellow (75%)

Blue (64%)

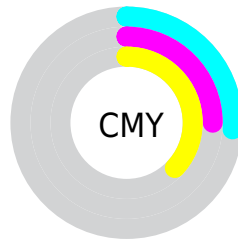


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 190, 162 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, 190, 162 by changing the saturation by 10% instead.


 160, 190, 162

255, 255, 255


 215, 246, 217


 243, 255, 243

 160, 190, 162

 134, 163, 136

 108, 137, 110

 84, 111, 86

 61, 87, 63

 39, 64, 42


 18, 42, 21

 0, 22, 5


 0, 0, 0


 160, 190, 162

 160, 190, 162

 141, 190, 144

 179, 190, 180

 122, 190, 127

 191, 190, 198

 103, 190, 109

 192, 190, 217

 84, 190, 91

 193, 190, 236

 65, 190, 73


 194, 190, 255

 46, 190, 56


 196, 190, 255

 27, 190, 38

 197, 190, 255

 8, 190, 20

 198, 190, 255

 0, 190, 13

 199, 190, 255

Harmonies

Analogous

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



192, 204, 159



160, 190, 162



169, 194, 192

Triad

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



160, 190, 162



153, 177, 210



215, 178, 192

Complementary

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



160, 190, 162



162, 160, 190

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.



203, 181, 206



160, 190, 162



166, 182, 217

Square

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



160, 190, 162



149, 173, 198



185, 185, 215



219, 178, 177

Rectangle

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



160, 190, 162



161, 185, 196



185, 185, 215



212, 178, 197

Sweetspot

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



160, 190, 162



235, 247, 235



190, 162, 160



117, 125, 118



252, 252, 252



125, 125, 125

Same Dimension

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



160, 190, 162



200, 247, 203



160, 190, 176



85, 94, 85



0, 158, 10



0, 31, 2

Inverse Universe

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



162, 160, 190



203, 200, 247



177, 160, 190



86, 85, 94



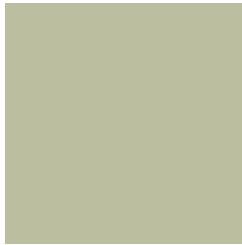
11, 0, 158



2, 0, 31

Previews

White Background



This preview shows how the RYB color 160, 190, 162 looks on a white background.

Color Contrast Check

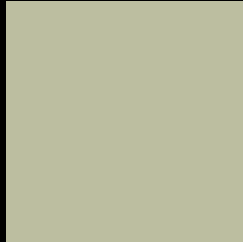
Large Text (above 18pt) WCAG AA × Fail

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, 190, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

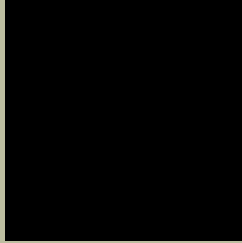
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

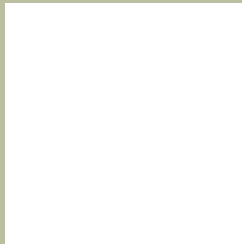
Any Text WCAG AAA ✓ Pass

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

RYP 160, 190, 162 Background



This preview shows how black text looks on a background with the RYP color 160, 190, 162.



This preview shows how white text looks on a background with the RYP color 160, 190, 162.

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, 190, 162

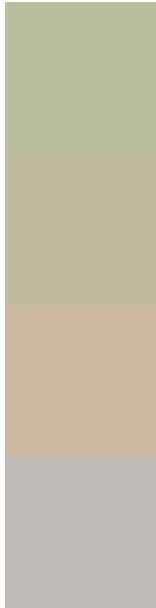
Protanopia
173, 197, 159

Deuteranopia
215, 192, 162



Tritanopia
193, 185, 199

Trichromacy



Original Color
160, 190, 162

Protanomaly
166, 194, 159

Deuteranomaly
201, 205, 161

Tritanomaly
191, 188, 185

Monochromacy



Original Color
160, 190, 162

Achromatopsia
186, 186, 186

Achromatomaly
177, 187, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 190, 188 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(188, 190, 160) looks like.

```
.text, #text, p{  
    color:rgb(188, 190, 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(188, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 190, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 190, 162 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(188, 190, 160) }
```

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

```
.border{ border-color:rgb(188, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(188, 190,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 190, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 190, 160) }
```

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

```
.background{ background-color: rgb(188,  
190, 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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