

Converting Colors

`RYB(162, 196, 167)`

Have a look what the booklet for
RYB(162, 196, 167) contains.

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Color

R_YB(162, 196, 167)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4A2
RGB	191, 196, 162
RGB Percent	75%, 77%, 64%
CMY	0.2510, 0.2314, 0.3647
CMYK	0.03, 0.00, 0.17, 0.23
HSL	69°, 22%, 70%
HSV	69°, 17%, 77%
XYZ	47.7474, 53.1649, 41.9277
YIQ	190.6290, 7.9340, -11.6340

Conversions

Conversions Part 2

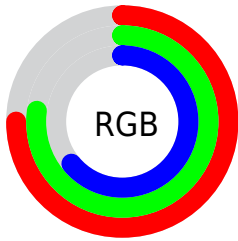
Format	Color
RYB	162, 196, 167
Decimal	12567714
CIELab	77.97, -7.58, 16.52
CIELCh	78, 18.173, 114.653
Yxy	53.1649, 0.3343, 0.3722
Android (android.graphics.Color)	4290757794 (0xFFBFC4A2)
YUV	190.6290, -14.1141, 0.3254
Hunter-Lab	72.9142, -10.7104, 16.9466

Details

The RYB color **162, 196, 167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167, 162, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **217, 253, 222**, and **110, 142, 115** is the 20% darker color. If you saturate the color by 10%, you get **142, 196, 150**, and if you desaturate by 10%, it is **182, 196, 184**.

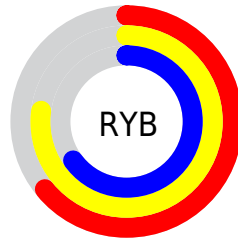
Distribution



Red (75%)

Green (77%)

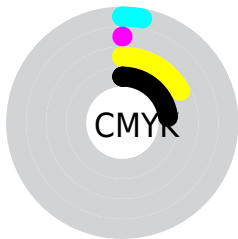
Blue (64%)



Red (64%)

Yellow (77%)

Blue (65%)

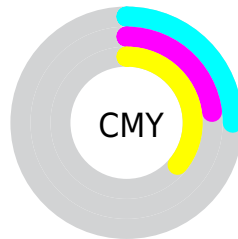


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 196, 167 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, 196, 167 by changing the saturation by 10% instead.

 162, 196, 167

255, 255, 255

 217, 253, 222

 245, 255, 245

 162, 196, 167

 136, 169, 141

 110, 142, 115

 86, 117, 91

 62, 92, 67

 40, 69, 45

 19, 46, 24


 0, 26, 5

 0, 0, 0

 162, 196, 167

 162, 196, 167


 142, 196, 150


 182, 196, 184

 123, 196, 134


 197, 196, 201

 103, 196, 117

 200, 196, 221

 84, 196, 101

 203, 196, 240


 64, 196, 83


 205, 196, 255

 44, 196, 66


 208, 196, 255

 25, 196, 50

 211, 196, 255

 5, 196, 33

 214, 196, 255

 0, 196, 29

 217, 196, 255

Harmonies

Analogous

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



187, 209, 159



162, 196, 167



172, 199, 200

Triad

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



162, 196, 167



153, 181, 220



225, 181, 196

Complementary

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



162, 196, 167



167, 162, 196

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.



212, 184, 212



162, 196, 167



170, 187, 226

Square

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



162, 196, 167



148, 176, 206



192, 189, 223



228, 182, 179

Rectangle

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



162, 196, 167



160, 187, 202



192, 189, 223



222, 182, 202

Sweetspot

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



162, 196, 167



242, 255, 244



196, 168, 162



120, 128, 122



0, 0, 0



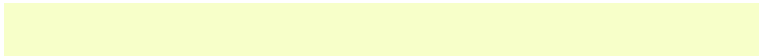
128, 128, 128

Same Dimension

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



162, 196, 167



201, 255, 209



162, 196, 184



87, 97, 89



0, 161, 24



0, 33, 5

Inverse Universe

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



167, 162, 196



209, 201, 255



184, 162, 196



89, 87, 97



24, 0, 161



5, 0, 33

Previews

White Background



This preview shows how the RYB color 162, 196, 167 looks on a white background.

Color Contrast Check

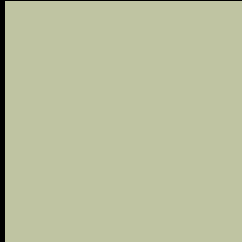
Large Text (above 18pt) WCAG AA × Fail

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 162, 196, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

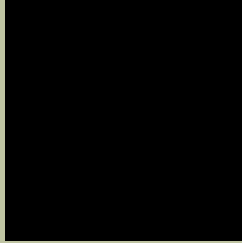
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

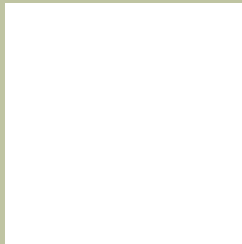
Any Text WCAG AAA ✓ Pass

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

R Y B 162, 196, 167 Background



This preview shows how black text looks on a background with the RYB color 162, 196, 167.



This preview shows how white text looks on a background with the RYB color 162, 196, 167.

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, 196, 167

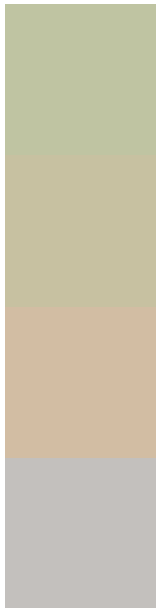
Protanopia
175, 203, 160

Deuteranopia
221, 197, 164



Tritanopia
197, 190, 205

Trichromacy



Original Color
162, 196, 167

Protanomaly
168, 199, 161

Deuteranomaly
201, 210, 163

Tritanomaly
195, 195, 189

Monochromacy



Original Color
162, 196, 167

Achromatopsia
191, 191, 191

Achromatomaly
180, 193, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 196, 167 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(191, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 162)  
}
```

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(191, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 196, 167 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(191, 196, 162) }
```

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

```
.border{ border-color:rgb(191, 196, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 196, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 162) }
```

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

```
.background{ background-color: rgb(191,  
196, 162) }
```

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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