

Converting Colors

`RYB(162, 202, 168)`

Have a look what the booklet for
RYB(162, 202, 168) contains.

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Color

R_YB(162, 202, 168)

Conversions

Conversions Part 1

Format	Color
Hex	C4CAA2
RGB	196, 202, 162
RGB Percent	77%, 79%, 64%
CMY	0.2314, 0.2078, 0.3647
CMYK	0.03, 0.00, 0.20, 0.21
HSL	69°, 27%, 71%
HSV	69°, 20%, 79%
XYZ	50.4071, 56.5855, 42.4478
YIQ	195.6460, 9.2640, -13.7120

Conversions

Conversions Part 2

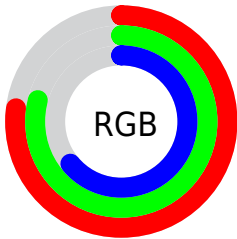
Format	Color
RYB	162, 202, 168
Decimal	12896930
CIELab	79.95, -8.84, 19.32
CIELCh	80, 21.246, 114.587
Yxy	56.5855, 0.3373, 0.3786
Android (android.graphics.Color)	4291087010 (0xFFC4CAA2)
YUV	195.6460, -16.5875, 0.3105
Hunter-Lab	75.2233, -12.0281, 19.1996

Details

The RYB color **162, 202, 168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168, 162, 202**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **217, 255, 219**, and **110, 148, 116** is the 20% darker color. If you saturate the color by 10%, you get **142, 202, 151**, and if you desaturate by 10%, it is **182, 202, 185**.

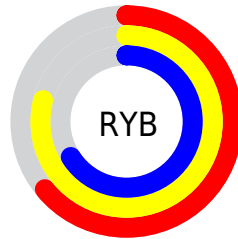
Distribution



Red (77%)

Green (79%)

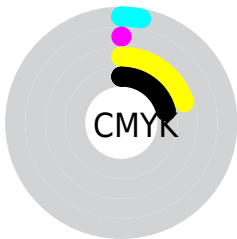
Blue (64%)



Red (64%)

Yellow (79%)

Blue (66%)

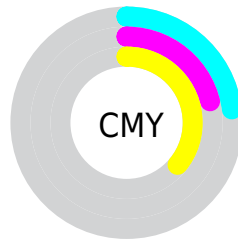


Cyan (3%)

Magenta (0%)

Yellow (20%)

Black (21%)



Cyan (23%)

Magenta (21%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 202, 168 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, 202, 168 by changing the saturation by 10% instead.

 162, 202, 168

255, 255, 255

 217, 255, 219

 245, 255, 245


 162, 202, 168

 136, 175, 142

 110, 148, 116

 86, 122, 92

 62, 97, 68

 40, 74, 47

 19, 51, 25

 0, 30, 5

 0, 0, 0

 162, 202, 168

 162, 202, 168

 142, 202, 151


 182, 202, 185

 122, 202, 134


 202, 202, 202

 101, 202, 116


 205, 202, 223

 81, 202, 99

 208, 202, 243

 61, 202, 82

 211, 202, 255

 41, 202, 65

 214, 202, 255

 21, 202, 48

 217, 202, 255

 0, 202, 30

 220, 202, 255

 223, 202, 255

Harmonies

Analogous

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



192, 217, 159



162, 202, 168



173, 205, 207

Triad

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



162, 202, 168



151, 183, 230



236, 185, 203

Complementary

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



162, 202, 168



168, 162, 202

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.



221, 188, 221



162, 202, 168



171, 192, 237

Square

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



162, 202, 168



144, 178, 214



197, 194, 234



240, 185, 183

Rectangle

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



162, 202, 168



160, 192, 209



197, 194, 234



232, 185, 209

Sweetspot

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



162, 202, 168



240, 255, 242



202, 169, 162



119, 128, 121



0, 0, 0



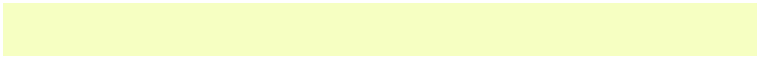
128, 128, 128

Same Dimension

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



162, 202, 168



194, 255, 203



162, 202, 187



92, 102, 94



0, 166, 25



0, 38, 5

Inverse Universe

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



168, 162, 202



203, 194, 255



188, 162, 202



93, 92, 102



25, 0, 166



6, 0, 38

Previews

White Background



This preview shows how the RYB color 162, 202, 168 looks on a white background.

Color Contrast Check

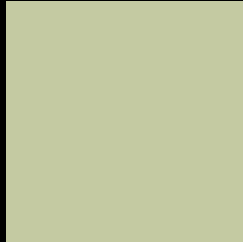
Large Text (above 18pt) WCAG AA × Fail

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, 202, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

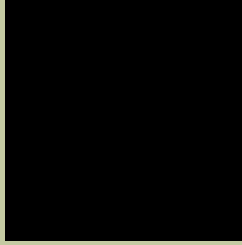
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

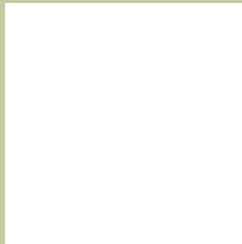
Any Text WCAG AAA ✓ Pass

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

RYB 162, 202, 168 Background



This preview shows how black text looks on a background with the RYB color 162, 202, 168.



This preview shows how white text looks on a background with the RYB color 162, 202, 168.

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, 202, 168

Protanopia
176, 210, 160

Deuteranopia
229, 207, 164



Tritanopia
203, 195, 211

Trichromacy



Original Color

162, 202, 168

Protanomaly

168, 205, 161

Deuteranomaly

203, 217, 163

Tritanomaly

196, 200, 193

Monochromacy



Original Color

162, 202, 168

Achromatopsia

196, 196, 196

Achromatomaly

184, 198, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 202, 168 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(196, 202, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 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(196, 202, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 202, 168 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(196, 202, 162) }
```

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

```
.border{ border-color:rgb(196, 202, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 202, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 162) }
```

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

```
.background{ background-color: rgb(196,  
202, 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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