

Converting Colors

`RYB(166, 202, 174)`

Have a look what the booklet for
RYB(166, 202, 174) contains.

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Color

R_YB(166, 202, 174)

Conversions

Conversions Part 1

Format	Color
Hex	C2CAA6
RGB	194, 202, 166
RGB Percent	76%, 79%, 65%
CMY	0.2392, 0.2078, 0.3490
CMYK	0.04, 0.00, 0.18, 0.21
HSL	73°, 25%, 72%
HSV	73°, 18%, 79%
XYZ	50.2516, 56.4636, 44.3264
YIQ	195.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

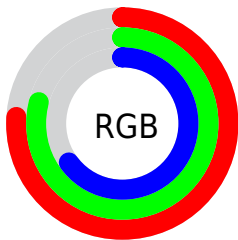
Format	Color
RYB	166, 202, 174
Decimal	12765862
CIELab	79.88, -8.96, 17.08
CIELCh	80, 19.284, 117.684
Yxy	56.4636, 0.3327, 0.3738
Android (android.graphics.Color)	4290955942 (0xFFC2CAA6)
YUV	195.5040, -14.5455, -1.3190
Hunter-Lab	75.1422, -12.1265, 17.6244

Details

The RYB color **166, 202, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 166, 202**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **221, 255, 225**, and **114, 148, 122** is the 20% darker color. If you saturate the color by 10%, you get **146, 202, 158**, and if you desaturate by 10%, it is **186, 202, 190**.

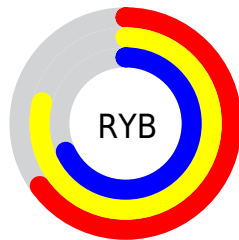
Distribution



Red (76%)

Green (79%)

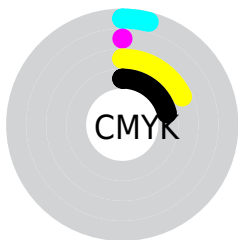
Blue (65%)



Red (65%)

Yellow (79%)

Blue (68%)

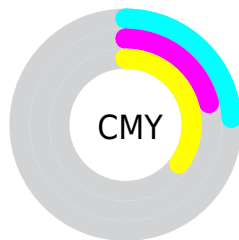


Cyan (4%)

Magenta (0%)

Yellow (18%)

Black (21%)



Cyan (24%)

Magenta (21%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 202, 174 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 166, 202, 174 by changing the saturation by 10% instead.


 166, 202, 174


255, 255, 255

 221, 255, 225

 250, 255, 250

 166, 202, 174

 140, 175, 148

 114, 148, 122

 89, 122, 96

 66, 97, 73

 43, 74, 51

 22, 51, 30

 0, 30, 5

 0, 0, 0

 166, 202, 174

 166, 202, 174

 146, 202, 158

 186, 202, 190

 126, 202, 143

 203, 202, 206

 105, 202, 126

 207, 202, 227

 85, 202, 111

 212, 202, 247

 65, 202, 95

 216, 202, 255

 45, 202, 80

 221, 202, 255

 25, 202, 64

 225, 202, 255

 4, 202, 48

 230, 202, 255

 0, 202, 45

 234, 202, 255

Harmonies

Analogous

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



190, 214, 162



166, 202, 174



174, 202, 206

Triad

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



166, 202, 174



157, 186, 228



233, 186, 200

Complementary

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



166, 202, 174



174, 166, 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.



220, 188, 218



166, 202, 174



176, 193, 234

Square

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



166, 202, 174



150, 180, 214



200, 194, 230



236, 186, 182

Rectangle

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



166, 202, 174



162, 191, 208



200, 194, 230



230, 186, 206

Sweetspot

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



166, 202, 174



242, 255, 245



202, 176, 166



120, 128, 122



0, 0, 0



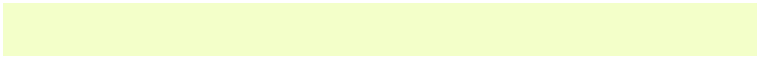
128, 128, 128

Same Dimension

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



166, 202, 174



201, 255, 213



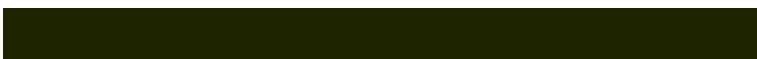
166, 202, 192



92, 102, 94



0, 166, 37



0, 38, 8

Inverse Universe

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



174, 166, 202



213, 201, 255



192, 166, 202



94, 92, 102



37, 0, 166



9, 0, 38

Previews

White Background



This preview shows how the RYB color 166, 202, 174 looks on a white background.

Color Contrast Check

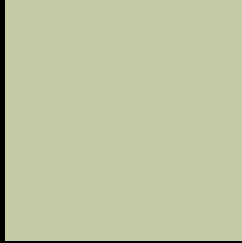
Large Text (above 18pt) WCAG AA × Fail

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 166, 202, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

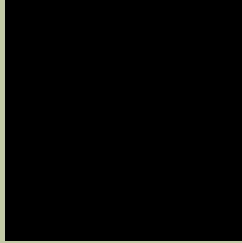
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

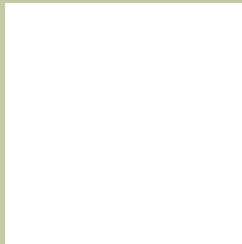
Any Text WCAG AAA ✓ Pass

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

RYB 166, 202, 174 Background



This preview shows how black text looks on a background with the RYB color 166, 202, 174.

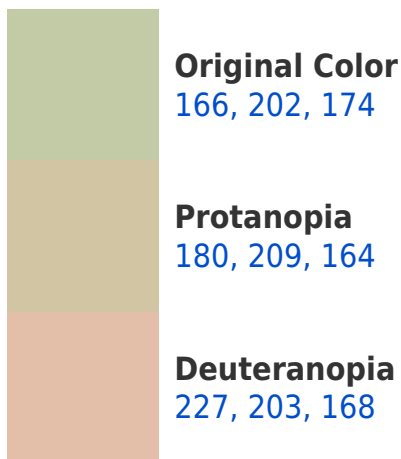



This preview shows how white text looks on a background with the RYB color 166, 202, 174.

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](#).

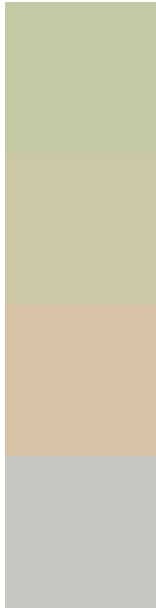
Dichromacy





Tritanopia
200, 196, 211

Trichromacy



Original Color
166, 202, 174

Protanomaly
171, 204, 165

Deuteranomaly
204, 215, 167

Tritanomaly
195, 198, 195

Monochromacy



Original Color
166, 202, 174

Achromatopsia
196, 196, 196

Achromatomaly
185, 198, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 202, 174 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(166, 202, 174) looks like.

```
.text, #text, p{  
    color:rgb(166, 202, 174)  
}
```

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(194, 202, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 166) }
```

Border

The CSS property to change the border of an element to RYB 166, 202, 174 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(194, 202, 166) }
```

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

```
.border{ border-color:rgb(194, 202, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 202, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 202, 166); box-shadow:4px 4px 4px 4px rgb(194, 202, 166) }
```

Background

The CSS property to change the background color of an element to RYB 166, 202, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 166) }
```

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

```
.background{ background-color: rgb(194,  
202, 166) }
```

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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