

Converting Colors

`RYB(162, 199, 167)`

Have a look what the booklet for RYB(162, 199, 167) contains.

RYB(162, 199, 167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 199, 167)

Conversions

Conversions Part 1

Format	Color
Hex	C2C7A2
RGB	194, 199, 162
RGB Percent	76%, 78%, 64%
CMY	0.2392, 0.2196, 0.3647
CMYK	0.03, 0.00, 0.19, 0.22
HSL	68°, 25%, 71%
HSV	68°, 19%, 78%
XYZ	49.1931, 54.9248, 42.1912
YIQ	193.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

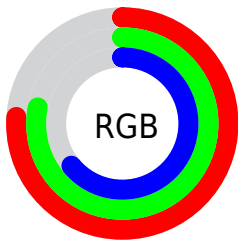
Format	Color
RYB	162, 199, 167
Decimal	12765090
CIELab	79.00, -8.03, 17.98
CIELCh	79, 19.692, 114.064
Yxy	54.9248, 0.3362, 0.3754
Android (android.graphics.Color)	4290955170 (0xFFC2C7A2)
YUV	193.2870, -15.4245, 0.6253
Hunter-Lab	74.1113, -11.2111, 18.1244

Details

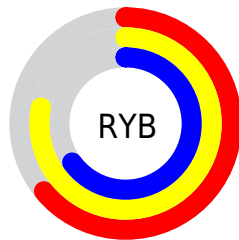
The RYB color **162, 199, 167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167, 162, 199**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **217, 255, 221**, and **110, 145, 115** is the 20% darker color. If you saturate the color by 10%, you get **142, 199, 150**, and if you desaturate by 10%, it is **182, 199, 184**.

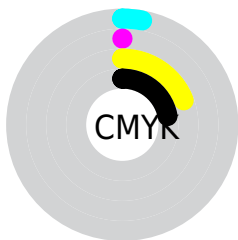
Distribution



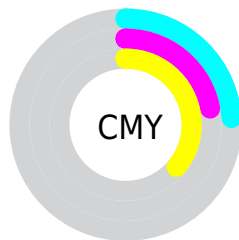
- Red (76%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 199, 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, 199, 167 by changing the saturation by 10% instead.

 162, 199, 167

255, 255, 255

 217, 255, 221

 245, 255, 245

 162, 199, 167

 136, 172, 141


 110, 145, 115


 86, 120, 92

 62, 95, 67

 40, 71, 45


 19, 49, 25


 0, 28, 4


 0, 0, 0

 162, 199, 167


 162, 199, 167

 142, 199, 150


 182, 199, 184

 122, 199, 132


 199, 199, 202

 102, 199, 115

 202, 199, 222


 82, 199, 98

 205, 199, 242


 62, 199, 80


 207, 199, 255

 43, 199, 64


 210, 199, 255

 23, 199, 47

 213, 199, 255

 3, 199, 30

 216, 199, 255

 0, 199, 27

 218, 199, 255

Harmonies

Analogous

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



193, 214, 159



162, 199, 167



173, 203, 204

Triad

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



162, 199, 167



152, 182, 225



230, 183, 200

Complementary

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



162, 199, 167



167, 162, 199

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.



216, 186, 217



162, 199, 167



170, 189, 232

Square

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



162, 199, 167



147, 177, 210



194, 192, 229



234, 183, 181

Rectangle

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



162, 199, 167



160, 190, 206



194, 192, 229



227, 184, 206

Sweetspot

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



162, 199, 167



240, 255, 242



199, 168, 162



119, 128, 121



0, 0, 0



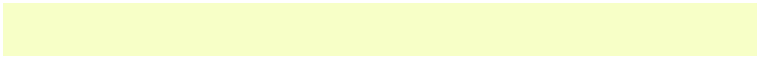
128, 128, 128

Same Dimension

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



162, 199, 167



199, 255, 207



162, 199, 185



90, 99, 91



0, 163, 22



0, 36, 5

Inverse Universe

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



167, 162, 199



206, 199, 255



185, 162, 199



91, 90, 99



22, 0, 163



5, 0, 36

Previews

White Background



This preview shows how the RYB color 162, 199, 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, 199, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

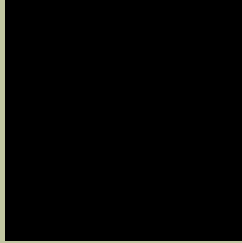
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

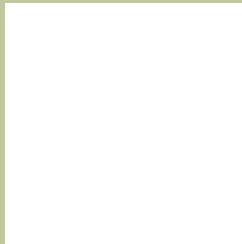
Any Text WCAG AAA ✓ Pass

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

RYB 162, 199, 167 Background



This preview shows how black text looks on a background with the RYB color 162, 199, 167.

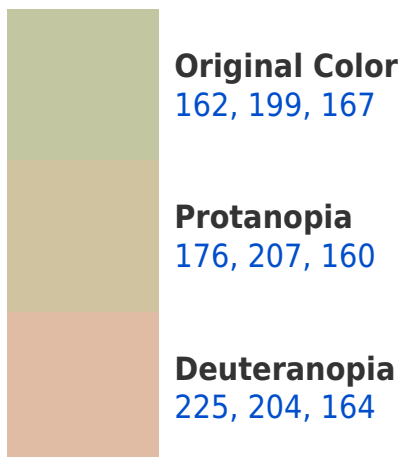



This preview shows how white text looks on a background with the RYB color 162, 199, 167.

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](#).

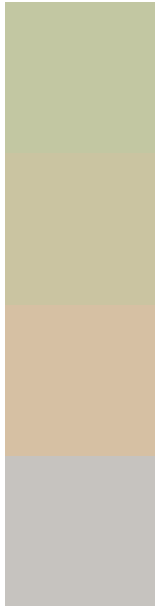
Dichromacy





Tritanopia
200, 193, 208

Trichromacy



Original Color

162, 199, 167

Protanomaly

168, 202, 161

Deuteranomaly

202, 214, 163

Tritanomaly

196, 198, 191

Monochromacy



Original Color

162, 199, 167

Achromatopsia

193, 193, 193

Achromatomaly

182, 195, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 199, 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(194, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 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(194, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 199, 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(194, 199, 162) }
```

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

```
.border{ border-color:rgb(194, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 162);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 199, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 162) }
```

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

```
.background{ background-color: rgb(194,  
199, 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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