

Converting Colors

`RYB(166, 199, 183)`

Have a look what the booklet for RYB(166, 199, 183) contains.

RYB(166, 199, 183)	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(166, 199, 183)

Conversions

Conversions Part 1

Format	Color
Hex	B6C7A6
RGB	182, 199, 166
RGB Percent	71%, 78%, 65%
CMY	0.2863, 0.2196, 0.3490
CMYK	0.09, 0.00, 0.17, 0.22
HSL	91°, 23%, 72%
HSV	91°, 17%, 78%
XYZ	46.5978, 53.5451, 43.9557
YIQ	190.1550, 0.4610, -13.8670

Conversions

Conversions Part 2

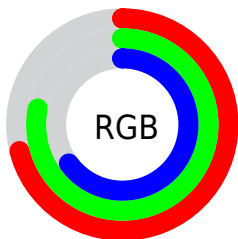
Format	Color
RYB	166, 199, 183
Decimal	11978662
CIELab	78.20, -11.76, 14.59
CIELCh	78, 18.741, 128.864
Yxy	53.5451, 0.3234, 0.3716
Android (android.graphics.Color)	4290168742 (0xFFB6C7A6)
YUV	190.1550, -11.9084, -7.1519
Hunter-Lab	73.1745, -14.3861, 15.6069

Details

The RYB color **166, 199, 183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183, 166, 199**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **221, 255, 238**, and **114, 145, 130** is the 20% darker color. If you saturate the color by 10%, you get **146, 199, 173**, and if you desaturate by 10%, it is **186, 199, 193**.

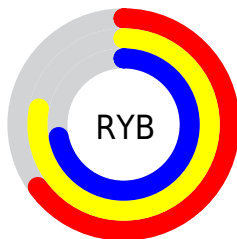
Distribution



Red (71%)

Green (78%)

Blue (65%)



Red (65%)

Yellow (78%)

Blue (72%)

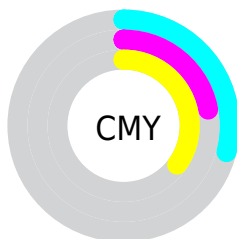


Cyan (9%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 199, 183 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, 199, 183 by changing the saturation by 10% instead.

 166, 199, 183


255, 255, 255


 221, 255, 238


 250, 255, 250

 166, 199, 183

 140, 172, 157

 114, 145, 130

 89, 119, 104

 66, 95, 82

 44, 71, 59

 23, 49, 38

 0, 28, 13


 0, 0, 0

 166, 199, 183

 166, 199, 183


 146, 199, 173


 186, 199, 193

 126, 199, 164


 203, 199, 206


 106, 199, 154


 213, 199, 226

 86, 199, 144


 223, 199, 246

 67, 199, 135

 233, 199, 255

 47, 199, 126

 244, 199, 255

 27, 199, 116

 254, 199, 255

 7, 199, 106

 255, 199, 255

 0, 199, 103

Harmonies

Analogous

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



169, 202, 159



166, 199, 183



163, 190, 202

Triad

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



166, 199, 183



160, 184, 225



229, 181, 189

Complementary

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



166, 199, 183



183, 166, 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.



221, 183, 206



166, 199, 183



181, 191, 227

Square

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



166, 199, 183



148, 178, 215



203, 187, 221



228, 186, 172

Rectangle

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



166, 199, 183



153, 181, 203



203, 187, 221



228, 181, 195

Sweetspot

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



166, 199, 183



242, 255, 249



197, 199, 166



120, 128, 124



0, 0, 0



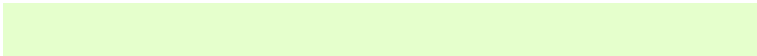
128, 128, 128

Same Dimension

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



166, 199, 183



204, 255, 230



166, 199, 199



90, 99, 95



0, 163, 84



0, 36, 19

Inverse Universe

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



183, 166, 199



230, 204, 255



199, 166, 199



95, 90, 99



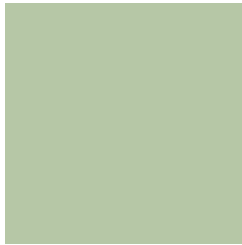
84, 0, 163



18, 0, 36

Previews

White Background



This preview shows how the RYB color 166, 199, 183 looks on a white background.

Color Contrast Check

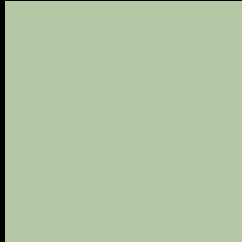
Large Text (above 18pt) WCAG AA × Fail

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, 199, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

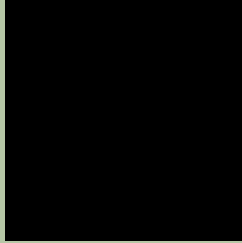
Any Text WCAG AA ✓ Pass

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, 199, 183 Background



This preview shows how black text looks on a background with the RYB color 166, 199, 183.

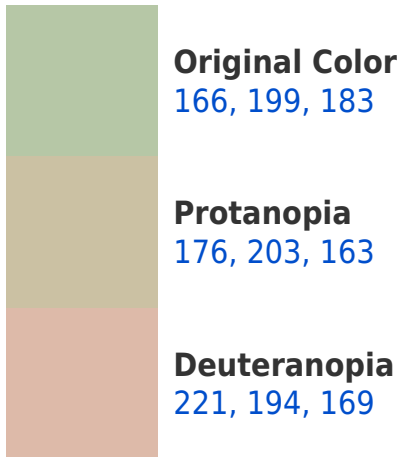


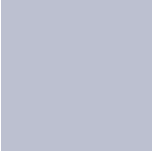
This preview shows how white text looks on a background with the RYB color 166, 199, 183.

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](#).

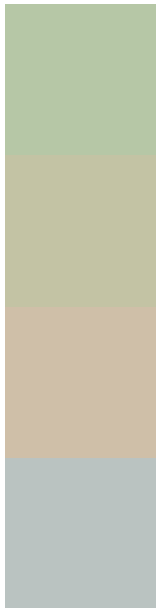
Dichromacy





Tritanopia
188, 192, 208

Trichromacy



Original Color
166, 199, 183

Protanomaly
164, 195, 164

Deuteranomaly
195, 207, 168

Tritanomaly
186, 191, 195

Monochromacy



Original Color
166, 199, 183

Achromatopsia
190, 190, 190

Achromatomaly
181, 193, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 199, 183 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(182, 199, 166) looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 166)  
}
```

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(182, 199, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 166) }
```

Border

The CSS property to change the border of an element to RYB 166, 199, 183 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(182, 199, 166) }
```

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

```
.border{ border-color:rgb(182, 199, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 166);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 166, 199, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 166) }
```

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

```
.background{ background-color: rgb(182,  
199, 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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