

Converting Colors

`RYB(169, 203, 190)`

Have a look what the booklet for
RYB(169, 203, 190) contains.

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Color

R_YB(169, 203, 190)

Conversions

Conversions Part 1

Format	Color
Hex	B6CBA9
RGB	182, 203, 169
RGB Percent	71%, 80%, 66%
CMY	0.2863, 0.2039, 0.3373
CMYK	0.10, 0.00, 0.17, 0.20
HSL	97°, 25%, 73%
HSV	97°, 17%, 80%
XYZ	47.8088, 55.5215, 45.7331
YIQ	192.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

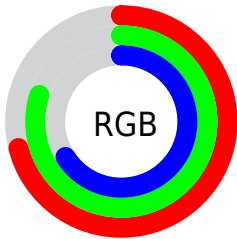
Format	Color
R _Y B	169, 203, 190
Decimal	11979689
CIE Lab	79.34, -13.31, 14.60
CIE LCh	79, 19.756, 132.349
Yxy	55.5215, 0.3207, 0.3725
Android (android.graphics.Color)	4290169769 (0xFFB6CBA9)
YUV	192.8450, -11.7556, -9.5111
Hunter-Lab	74.5128, -15.8684, 15.7690

Details

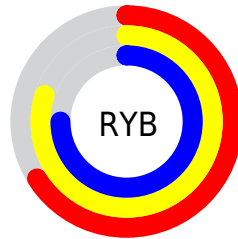
The RYB color **169, 203, 190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **190, 169, 203**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **224, 255, 241**, and **117, 149, 137** is the 20% darker color. If you saturate the color by 10%, you get **149, 203, 183**, and if you desaturate by 10%, it is **189, 203, 197**.

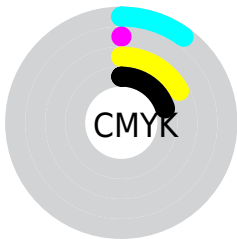
Distribution



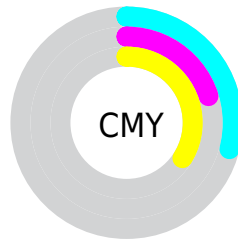
- Red (71%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 203, 190 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 169, 203, 190 by changing the saturation by 10% instead.

 169, 203, 190


255, 255, 255


 224, 255, 241

253, 255, 253

 169, 203, 190

 143, 176, 164

 117, 149, 137

 92, 123, 111

 68, 98, 87

 46, 74, 64

 25, 52, 43

 0, 30, 15

 0, 0, 0

 169, 203, 190

 169, 203, 190

 149, 203, 183

 189, 203, 197

 128, 203, 174

 207, 203, 210

 108, 203, 167

 220, 203, 230

 88, 203, 159

 232, 203, 250

 68, 203, 152

 245, 203, 255

 47, 203, 143

 255, 203, 255

 27, 203, 136

 7, 203, 128

 0, 203, 125

Harmonies

Analogous

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



167, 203, 161



169, 203, 190



162, 191, 206

Triad

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



169, 203, 190



163, 187, 231



235, 184, 189

Complementary

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



169, 203, 190



190, 169, 203

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.



227, 185, 208



169, 203, 190



186, 194, 232

Square

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



169, 203, 190



149, 181, 221



209, 189, 224



233, 190, 173

Rectangle

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



169, 203, 190



152, 182, 207



209, 189, 224



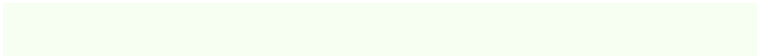
233, 184, 196

Sweetspot

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



169, 203, 190



242, 255, 250



190, 203, 169



120, 128, 125



0, 0, 0



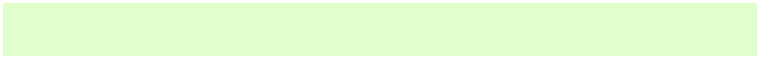
128, 128, 128

Same Dimension

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



169, 203, 190



204, 255, 235



169, 199, 203



92, 102, 98



0, 166, 103



0, 38, 23

Inverse Universe

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



190, 169, 203



235, 204, 255



203, 169, 199



98, 92, 102



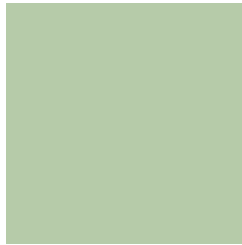
102, 0, 166



24, 0, 38

Previews

White Background



This preview shows how the RYB color 169, 203, 190 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 169, 203, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

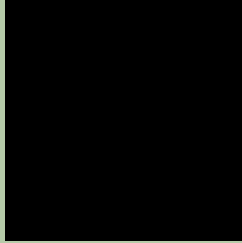
Any Text WCAG AA ✓ Pass

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 169, 203, 190 Background



This preview shows how black text looks on a background with the RYB color 169, 203, 190.

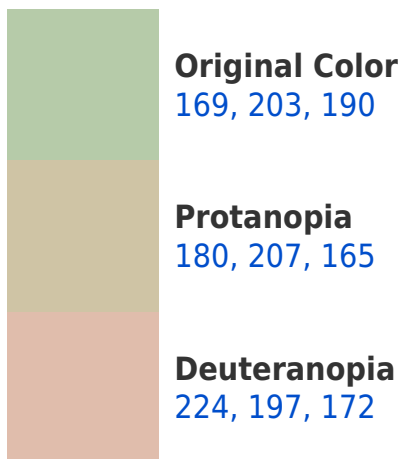


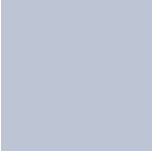
This preview shows how white text looks on a background with the RYB color 169, 203, 190.

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
189, 195, 213

Trichromacy



Original Color
169, 203, 190

Protanomaly
166, 199, 167

Deuteranomaly
196, 209, 171

Tritanomaly
186, 193, 199

Monochromacy



Original Color
169, 203, 190

Achromatopsia
193, 193, 193

Achromatomaly
184, 197, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 203, 190 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, 203, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 203, 169)  
}
```

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, 203, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 203, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 203, 190 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, 203, 169) }
```

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

```
.border{ border-color:rgb(182, 203, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 203, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 203, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 203, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 203,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 203, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 203, 169) }
```

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

```
.background{ background-color: rgb(182,  
203, 169) }
```

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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