

Converting Colors

`RYB(181, 199, 190)`

Have a look what the booklet for RYB(181, 199, 190) contains.

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Color

R_YB(181, 199, 190)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7B5
RGB	190, 199, 181
RGB Percent	75%, 78%, 71%
CMY	0.2549, 0.2196, 0.2902
CMYK	0.05, 0.00, 0.09, 0.22
HSL	90°, 14%, 75%
HSV	90°, 9%, 78%
XYZ	49.9991, 55.1302, 51.7220
YIQ	194.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

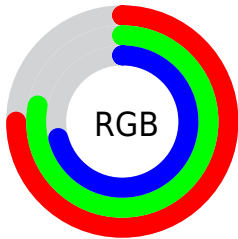
Format	Color
RYB	181, 199, 190
Decimal	12502965
CIELab	79.12, -6.36, 7.94
CIELCh	79, 10.174, 128.683
Yxy	55.1302, 0.3188, 0.3515
Android (android.graphics.Color)	4290693045 (0xFFBEC7B5)
YUV	194.2570, -6.5357, -3.7334
Hunter-Lab	74.2497, -9.7366, 10.6736

Details

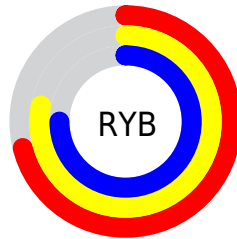
The RYB color **181, 199, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 181, 199**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **237, 255, 246**, and **128, 145, 136** is the 20% darker color. If you saturate the color by 10%, you get **161, 199, 180**, and if you desaturate by 10%, it is **200, 199, 201**.

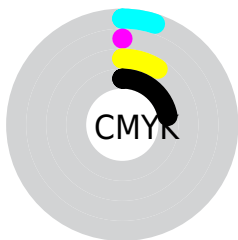
Distribution



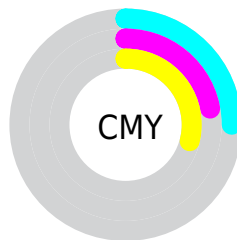
- Red (75%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)




- Cyan (25%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 199, 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 181, 199, 190 by changing the saturation by 10% instead.

 181, 199, 190

255, 255, 255

 237, 255, 246

 181, 199, 190

 154, 172, 163


 128, 145, 136

 103, 119, 111


 79, 95, 87


 56, 71, 64


 35, 49, 43


 13, 28, 20


 0, 0, 0


 181, 199, 190


 181, 199, 190


 161, 199, 180


 200, 199, 201


 141, 199, 170


 210, 199, 221


 121, 199, 160


 220, 199, 241


 101, 199, 150


 230, 199, 255

 82, 199, 141


 240, 199, 255

 62, 199, 131

 250, 199, 255

 42, 199, 121

 255, 199, 255

 22, 199, 111

 2, 199, 101

Harmonies

Analogous

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



183, 201, 177



181, 199, 190



180, 195, 201

Triad

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



181, 199, 190



179, 192, 213



216, 190, 193

Complementary

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



181, 199, 190



190, 181, 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.



211, 190, 203



181, 199, 190



190, 195, 214

Square

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



181, 199, 190



173, 188, 207



201, 193, 211



216, 193, 184

Rectangle

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



181, 199, 190



175, 191, 202



201, 193, 211



215, 190, 197

Sweetspot

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



181, 199, 190



247, 255, 251



199, 199, 181



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



181, 199, 190



227, 255, 241



181, 199, 199



90, 99, 95



0, 163, 81



0, 36, 18

Inverse Universe

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



190, 181, 199



241, 227, 255



199, 181, 199



94, 90, 99



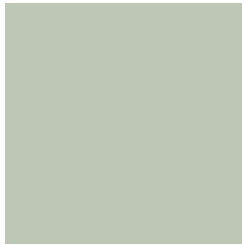
82, 0, 163



18, 0, 36

Previews

White Background



This preview shows how the RYB color 181, 199, 190 looks on a white background.

Color Contrast Check

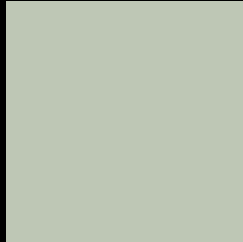
Large Text (above 18pt) WCAG AA × Fail

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 181, 199, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

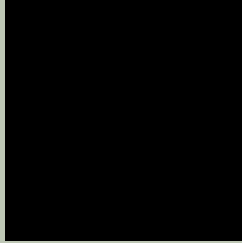
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

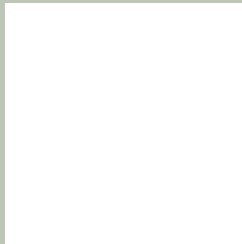
Any Text WCAG AAA ✓ Pass

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

RYB 181, 199, 190 Background



This preview shows how black text looks on a background with the RYB color 181, 199, 190.

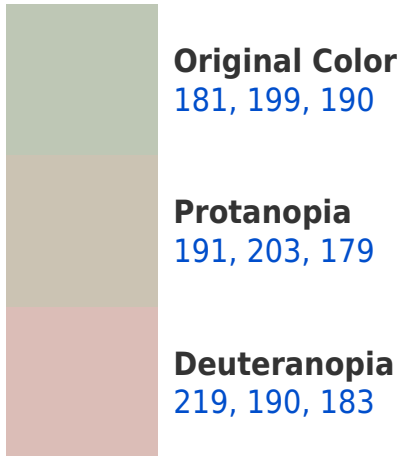


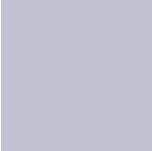
This preview shows how white text looks on a background with the RYB color 181, 199, 190.

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](#).

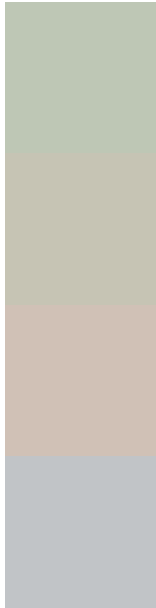
Dichromacy





Tritanopia
194, 195, 210

Trichromacy



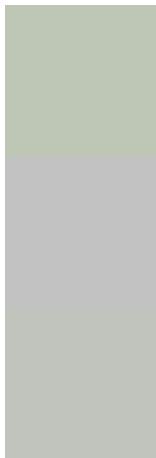
Original Color
181, 199, 190

Protanomaly
182, 198, 180

Deuteranomaly
208, 201, 182

Tritanomaly
193, 195, 199

Monochromacy



Original Color
181, 199, 190

Achromatopsia
194, 194, 194

Achromatomaly
189, 196, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 199, 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(190, 199, 181) looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 181)  
}
```

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(190, 199, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 199, 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(190, 199, 181) }
```

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

```
.border{ border-color:rgb(190, 199, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 199, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 181) }
```

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

```
.background{ background-color: rgb(190,  
199, 181) }
```

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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