

Converting Colors

`RYB(185, 202, 190)`

Have a look what the booklet for
RYB(185, 202, 190) contains.

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Color

R_YB(185, 202, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C5CAB9
RGB	197, 202, 185
RGB Percent	77%, 79%, 73%
CMY	0.2275, 0.2078, 0.2745
CMYK	0.02, 0.00, 0.08, 0.21
HSL	78°, 14%, 76%
HSV	78°, 8%, 79%
XYZ	52.9034, 57.6142, 54.2313
YIQ	198.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

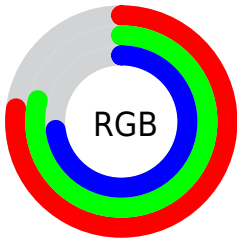
Format	Color
RYB	185, 202, 190
Decimal	12962489
CIELab	80.52, -4.76, 7.88
CIELCh	81, 9.209, 121.105
Yxy	57.6142, 0.3211, 0.3497
Android (android.graphics.Color)	4291152569 (0xFFC5CAB9)
YUV	198.5670, -6.6885, -1.3743
Hunter-Lab	75.9040, -8.4213, 10.7717

Details

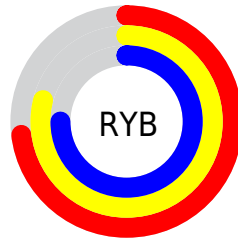
The RYB color **185, 202, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 185, 202**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **241, 255, 242**, and **132, 148, 137** is the 20% darker color. If you saturate the color by 10%, you get **165, 202, 176**, and if you desaturate by 10%, it is **203, 202, 205**.

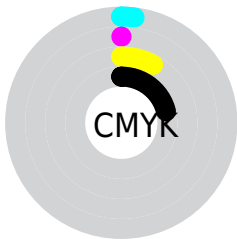
Distribution



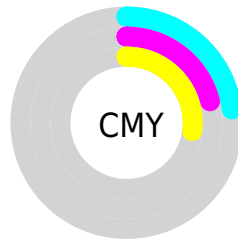
- Red (77%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 202, 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 185, 202, 190 by changing the saturation by 10% instead.

■ 185, 202, 190

255, 255, 255

■ 241, 255, 242

■ 185, 202, 190

■ 158, 175, 163

■ 132, 148, 137

■ 107, 122, 111

■ 83, 97, 87

■ 59, 74, 64

■ 38, 51, 42

■ 17, 30, 21

■ 0, 4, 4

■ 0, 0, 0

 185, 202, 190

 185, 202, 190

 165, 202, 176

 203, 202, 205


 145, 202, 162

 209, 202, 225

 124, 202, 147

 215, 202, 246

 104, 202, 133

 221, 202, 255

 84, 202, 119

 227, 202, 255

 64, 202, 105

 233, 202, 255

 44, 202, 91

 239, 202, 255

 23, 202, 76

 245, 202, 255

 3, 202, 61

 250, 202, 255

Harmonies

Analogous

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



195, 207, 183



185, 202, 190



187, 201, 204

Triad

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



185, 202, 190



183, 195, 215



218, 194, 200

Complementary

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



185, 202, 190



190, 185, 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.



212, 195, 208



185, 202, 190



191, 198, 217

Square

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



185, 202, 190



179, 193, 208



202, 198, 214



219, 196, 191

Rectangle

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



185, 202, 190



182, 196, 205



202, 198, 214



216, 194, 203

Sweetspot

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



185, 202, 190



247, 255, 249



202, 192, 185



122, 128, 124



0, 0, 0



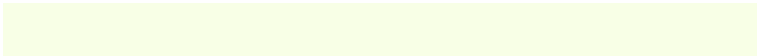
128, 128, 128

Same Dimension

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



185, 202, 190



230, 255, 237



185, 202, 198



92, 102, 95



0, 166, 49



0, 38, 11

Inverse Universe

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



190, 185, 202



237, 230, 255



198, 185, 202



95, 92, 102



49, 0, 166



11, 0, 38

Previews

White Background



This preview shows how the RYB color 185, 202, 190 looks on a white background.

Color Contrast Check

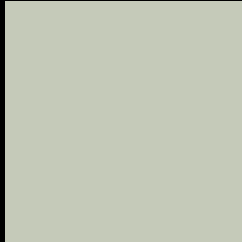
Large Text (above 18pt) WCAG AA × Fail

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 185, 202, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

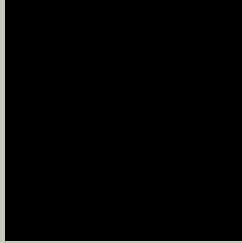
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

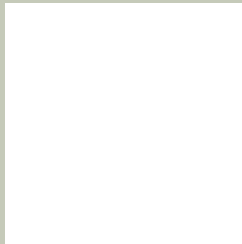
Any Text WCAG AAA ✓ Pass

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

RYB 185, 202, 190 Background



This preview shows how black text looks on a background with the RYB color 185, 202, 190.



This preview shows how white text looks on a background with the RYB color 185, 202, 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



Original Color
185, 202, 190

Protanopia
195, 207, 183

Deuteranopia
224, 194, 187



Tritanopia
201, 198, 213

Trichromacy



Original Color
185, 202, 190

Protanomaly
188, 203, 184

Deuteranomaly
214, 202, 186

Tritanomaly
200, 199, 203

Monochromacy



Original Color
185, 202, 190

Achromatopsia
199, 199, 199

Achromatomaly
194, 200, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 202, 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(197, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 202, 185)  
}
```

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(197, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 202, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 202, 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(197, 202, 185) }
```

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

```
.border{ border-color:rgb(197, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 202,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 202, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 202, 185) }
```

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

```
.background{ background-color: rgb(197,  
202, 185) }
```

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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