

Converting Colors

`RYB(201, 181, 182)`

Have a look what the booklet for RYB(201, 181, 182) contains.

RYB(201, 181, 182)	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(201, 181, 182)

Conversions

Conversions Part 1

Format	Color
Hex	C9B5B6
RGB	201, 181, 182
RGB Percent	79%, 71%, 71%
CMY	0.2118, 0.2902, 0.2863
CMYK	0.00, 0.10, 0.09, 0.21
HSL	357°, 16%, 75%
HSV	357°, 10%, 79%
XYZ	49.0548, 48.8427, 51.0981
YIQ	187.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

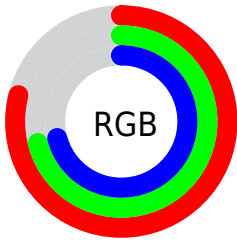
Format	Color
R_{YB}	201, 181, 182
Decimal	13219254
CIE Lab	75.35, 7.30, 2.08
CIE LCh	75, 7.595, 15.927
Yxy	48.8427, 0.3292, 0.3278
Android (android.graphics.Color)	4291409334 (0xFFC9B5B6)
YUV	187.0940, -2.5113, 12.1956
Hunter-Lab	69.8875, 2.9878, 5.5715

Details

The RYB color **201, 181, 182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 191, 201**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 237, 238**, and **147, 128, 129** is the 20% darker color. If you saturate the color by 10%, you get **201, 161, 163**, and if you desaturate by 10%, it is **201, 201, 201**.

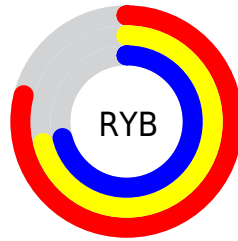
Distribution



Red (79%)

Green (71%)

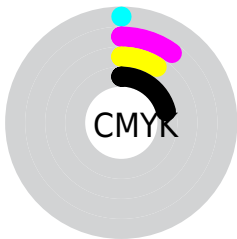
Blue (71%)



Red (79%)

Yellow (71%)

Blue (71%)

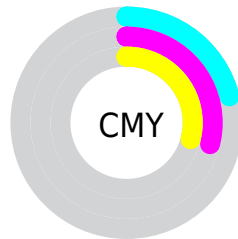


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (21%)



Cyan (21%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 181, 182 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 201, 181, 182 by changing the saturation by 10% instead.

 201, 181, 182


255, 255, 255


 255, 237, 238

 201, 181, 182


 174, 154, 155

 147, 128, 129

 121, 103, 104

 96, 79, 80

 72, 56, 57


 50, 35, 36

 29, 13, 14


 0, 0, 0

 201, 181, 182


 201, 181, 182


 201, 161, 163


 201, 201, 201

 201, 141, 144


 201, 211, 221


 201, 121, 125


 201, 222, 241


 201, 101, 106


 201, 228, 255

 201, 81, 87

 201, 60, 67

 201, 40, 48

 201, 20, 29

 201, 0, 10

Harmonies

Analogous

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



198, 181, 189



201, 181, 182



200, 184, 176

Triad

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



201, 181, 182



176, 188, 185



175, 183, 199

Complementary

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



201, 181, 182



181, 191, 201

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.



170, 181, 195



201, 181, 182



172, 184, 190

Square

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



201, 181, 182



173, 187, 172



169, 180, 190



183, 185, 199

Rectangle

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



201, 181, 182



197, 190, 173



169, 180, 190



173, 182, 198

Sweetspot

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



201, 181, 182



255, 247, 248



200, 181, 201



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



201, 181, 182



255, 224, 226



201, 197, 181



99, 90, 90



163, 0, 8



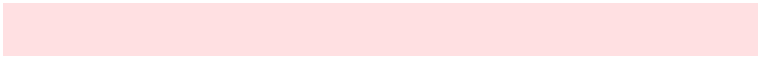
36, 0, 2

Inverse Universe

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



201, 181, 182



255, 224, 226



181, 188, 201



99, 90, 90



163, 0, 8



36, 0, 2

Previews

White Background



This preview shows how the RYB color 201, 181, 182 looks on a white background.

Color Contrast Check

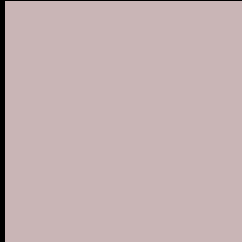
Large Text (above 18pt) WCAG AA × Fail

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 201, 181, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

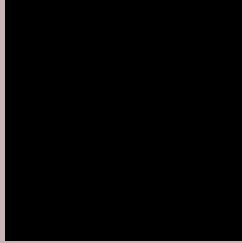
Any Text WCAG AA ✓ Pass

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 201, 181, 182 Background



This preview shows how black text looks on a background with the RYB color 201, 181, 182.



This preview shows how white text looks on a background with the RYB color 201, 181, 182.

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
201, 181, 182

Protanopia
189, 185, 184

Deuteranopia
205, 180, 182



Tritanopia
203, 179, 193

Trichromacy



Original Color

201, 181, 182

Protanomaly

193, 184, 183

Deuteranomaly

204, 180, 182

Tritanomaly

202, 180, 189

Monochromacy



Original Color

201, 181, 182

Achromatopsia

187, 187, 187

Achromatomaly

192, 185, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 181, 182 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(201, 181, 182) looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 182)  
}
```

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(201, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 182) }
```

Border

The CSS property to change the border of an element to RYB 201, 181, 182 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(201, 181, 182) }
```

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

```
.border{ border-color:rgb(201, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 201, 181, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 182) }
```

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

```
.background{ background-color: rgb(201,  
181, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor