

Converting Colors

`RYB(199, 181, 193)`

Have a look what the booklet for RYB(199, 181, 193) contains.

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Color

R_YB(199, 181, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C7B5C1
RGB	199, 181, 193
RGB Percent	78%, 71%, 76%
CMY	0.2196, 0.2902, 0.2431
CMYK	0.00, 0.09, 0.03, 0.22
HSL	320°, 14%, 75%
HSV	320°, 9%, 78%
XYZ	49.7027, 49.0401, 57.2982
YIQ	187.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

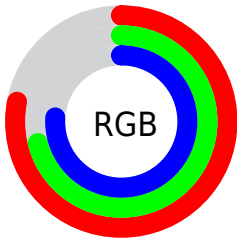
Format	Color
R_{YB}	199, 181, 193
Decimal	13088193
CIE Lab	75.48, 8.53, -3.75
CIE LCh	75, 9.320, 336.263
Yxy	49.0401, 0.3185, 0.3143
Android (android.graphics.Color)	4291278273 (0xFFC7B5C1)
YUV	187.7500, 2.5882, 9.8663
Hunter-Lab	70.0286, 4.1399, 0.5084

Details

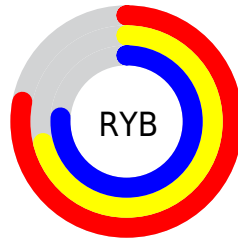
The RYB color **199, 181, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 195, 199**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 237, 249**, and **145, 128, 140** is the 20% darker color. If you saturate the color by 10%, you get **199, 161, 186**, and if you desaturate by 10%, it is **199, 200, 201**.

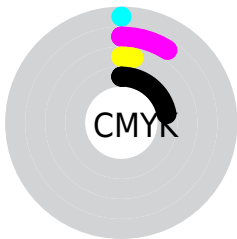
Distribution



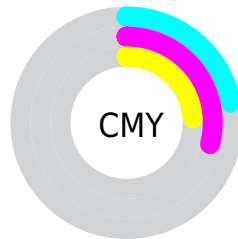
- Red (78%)
- Green (71%)
- Blue (76%)



- Red (78%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 181, 193 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 199, 181, 193 by changing the saturation by 10% instead.

 199, 181, 193

255, 255, 255


 255, 237, 249


 199, 181, 193


 172, 154, 166


 145, 128, 140

 119, 103, 114

 95, 79, 90

 71, 56, 66

 48, 35, 44

 28, 13, 24

 0, 0, 0

 199, 181, 193

 199, 181, 193

199, 161, 186

199, 200, 201

199, 141, 180

199, 216, 221

199, 121, 173

199, 231, 241

199, 101, 166

199, 240, 255

199, 82, 160

199, 237, 255

199, 62, 153

199, 234, 255

199, 42, 147

199, 232, 255

199, 22, 140

199, 229, 255

199, 2, 133

199, 228, 255

Harmonies

Analogous

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



190, 183, 200



199, 181, 193



204, 180, 184

Triad

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



199, 181, 193



175, 191, 169



165, 179, 196

Complementary

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



199, 181, 193



181, 195, 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.



166, 180, 191



199, 181, 193



172, 189, 180

Square

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



199, 181, 193



200, 193, 170



172, 185, 190



170, 182, 201

Rectangle

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



199, 181, 193



205, 181, 179



172, 185, 190



165, 178, 193

Sweetspot

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



199, 181, 193



255, 247, 252



187, 181, 199



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



199, 181, 193



255, 227, 246



199, 181, 184



99, 90, 96



163, 0, 109



36, 0, 24

Inverse Universe

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



199, 181, 193



255, 227, 246



181, 191, 199



99, 90, 96



163, 0, 109



36, 0, 24

Previews

White Background



This preview shows how the RYB color 199, 181, 193 looks on a white background.

Color Contrast Check

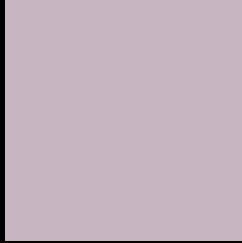
Large Text (above 18pt) WCAG AA × Fail

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 199, 181, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

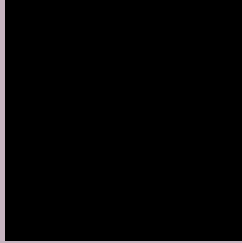
Any Text WCAG AA ✓ Pass

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 199, 181, 193 Background



This preview shows how black text looks on a background with the RYB color 199, 181, 193.



This preview shows how white text looks on a background with the RYB color 199, 181, 193.

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
199, 181, 193

Protanopia
187, 185, 195

Deuteranopia
201, 180, 193



Tritanopia
199, 181, 195

Trichromacy



Original Color

199, 181, 193

Protanomaly

191, 184, 194

Deuteranomaly

200, 180, 193

Tritanomaly

199, 181, 194

Monochromacy



Original Color

199, 181, 193

Achromatopsia

188, 188, 188

Achromatomaly

192, 185, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 181, 193 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(199, 181, 193) looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 193)  
}
```

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(199, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 193) }
```

Border

The CSS property to change the border of an element to RYB 199, 181, 193 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(199, 181, 193) }
```

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

```
.border{ border-color:rgb(199, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 181,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 199, 181, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 193) }
```

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

```
.background{ background-color: rgb(199,  
181, 193) }
```

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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