

Converting Colors

`RYB(201, 190, 210)`

Have a look what the booklet for
RYB(201, 190, 210) contains.

RYB(201, 190, 210)	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, 190, 210)

Conversions

Conversions Part 1

Format	Color
Hex	C9BED2
RGB	201, 190, 210
RGB Percent	79%, 75%, 82%
CMY	0.2118, 0.2549, 0.1765
CMYK	0.04, 0.10, 0.00, 0.18
HSL	273°, 18%, 78%
HSV	273°, 10%, 82%
XYZ	54.1337, 53.8976, 68.5229
YIQ	195.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

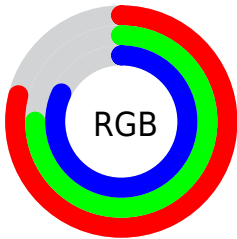
Format	Color
R _Y B	201, 190, 210
Decimal	13221586
CIE Lab	78.40, 7.55, -8.63
CIE LCh	78, 11.467, 311.192
Yxy	53.8976, 0.3066, 0.3053
Android (android.graphics.Color)	4291411666 (0xFFC9BED2)
YUV	195.5690, 7.1145, 4.7630
Hunter-Lab	73.4150, 3.1437, -3.9487

Details

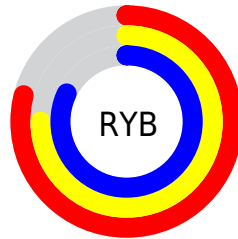
The RYB color **201, 190, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 210, 201**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 246, 255**, and **147, 137, 156** is the 20% darker color. If you saturate the color by 10%, you get **192, 169, 210**, and if you desaturate by 10%, it is **210, 211, 211**.

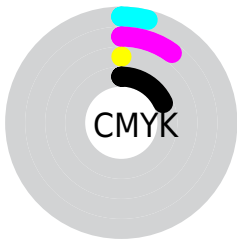
Distribution



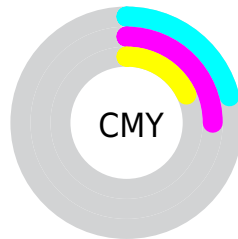
- Red (79%)
- Green (75%)
- Blue (82%)



- Red (79%)
- Yellow (75%)
- Blue (82%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)




- Cyan (21%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 190, 210 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, 190, 210 by changing the saturation by 10% instead.

 201, 190, 210


255, 255, 255

 255, 246, 255

 201, 190, 210

 174, 163, 182

 147, 137, 156

 121, 111, 130

 96, 87, 104


 73, 64, 80


 50, 42, 57


 29, 21, 36

 0, 0, 14


 0, 0, 0

 201, 190, 210

 201, 190, 210

 192, 169, 210


 210, 211, 211

 182, 148, 210

 210, 232, 222

 173, 127, 210


 210, 253, 234

 163, 106, 210

 210, 255, 226


 154, 85, 210


 210, 255, 217

 144, 64, 210

 210, 255, 210

 135, 43, 210

 125, 22, 210

 116, 1, 210

Harmonies

Analogous

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



188, 192, 215



201, 190, 210



212, 188, 201

Triad

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



201, 190, 210



209, 207, 174



168, 185, 200

Complementary

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



201, 190, 210



190, 210, 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.



175, 192, 200



201, 190, 210



179, 199, 173

Square

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



201, 190, 210



216, 190, 180



178, 198, 190



168, 185, 208

Rectangle

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



201, 190, 210



216, 187, 194



178, 198, 190



170, 187, 200

Sweetspot

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



201, 190, 210



252, 247, 255



190, 196, 210



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 190, 210



242, 227, 255



210, 190, 209



100, 94, 105



93, 0, 168



22, 0, 41

Inverse Universe

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



210, 190, 199



255, 227, 240



190, 209, 210



105, 94, 99



168, 0, 76



41, 0, 18

Previews

White Background



This preview shows how the RYB color 201, 190, 210 looks on a white background.

Color Contrast Check

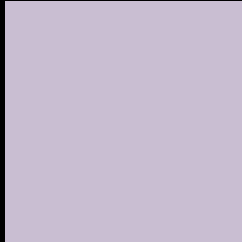
Large Text (above 18pt) WCAG AA × Fail

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, 190, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

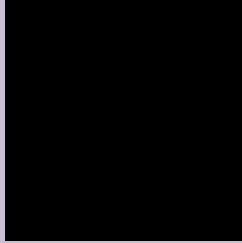
Any Text WCAG AA ✓ Pass

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, 190, 210 Background



This preview shows how black text looks on a background with the RYB color 201, 190, 210.



This preview shows how white text looks on a background with the RYB color 201, 190, 210.

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, 190, 210

Protanopia
192, 193, 212

Deuteranopia
205, 188, 210



Tritanopia
200, 191, 206

Trichromacy



Original Color
201, 190, 210

Protanomaly
195, 192, 211

Deuteranomaly
204, 189, 210

Tritanomaly
200, 191, 207

Monochromacy



Original Color
201, 190, 210

Achromatopsia
196, 196, 196

Achromatomaly
198, 194, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 190, 210 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, 190, 210) looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 210)  
}
```

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, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 210) }
```

Border

The CSS property to change the border of an element to RYB 201, 190, 210 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, 190, 210) }
```

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

```
.border{ border-color:rgb(201, 190, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 210);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 201, 190, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 210) }
```

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

```
.background{ background-color: rgb(201,  
190, 210) }
```

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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