

Converting Colors

`RYB(210, 190, 229)`

Have a look what the booklet for
RYB(210, 190, 229) contains.

RYB(210, 190, 229)	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(210, 190, 229)

Conversions

Conversions Part 1

Format	Color
Hex	D2BEE5
RGB	210, 190, 229
RGB Percent	82%, 75%, 90%
CMY	0.1765, 0.2549, 0.1020
CMYK	0.08, 0.17, 0.00, 0.10
HSL	271°, 43%, 82%
HSV	271°, 17%, 90%
XYZ	59.1347, 56.1857, 81.8569
YIQ	200.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

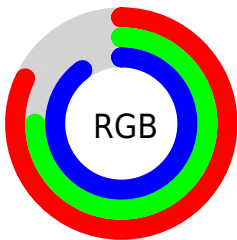
Format	Color
R _Y B	210, 190, 229
Decimal	13811429
CIE Lab	79.72, 14.26, -16.82
CIE LCh	80, 22.055, 310.291
Yxy	56.1857, 0.2999, 0.2850
Android (android.graphics.Color)	4292001509 (0xFFD2BEE5)
YUV	200.4260, 14.0870, 8.3964
Hunter-Lab	74.9571, 9.6460, -12.2777

Details

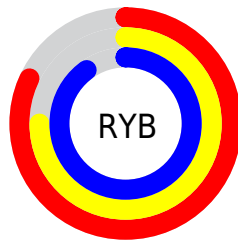
The RYB color **210, 190, 229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **190, 229, 210**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 246, 255**, and **155, 137, 173** is the 20% darker color. If you saturate the color by 10%, you get **199, 167, 229**, and if you desaturate by 10%, it is **221, 213, 229**.

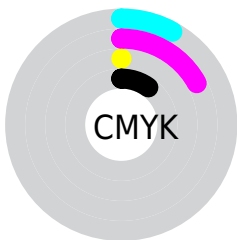
Distribution



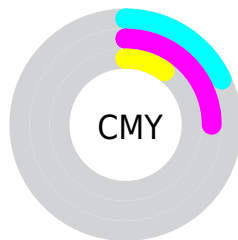
- Red (82%)
- Green (75%)
- Blue (90%)



- Red (82%)
- Yellow (75%)
- Blue (90%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)





- Cyan (18%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 210, 190, 229 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 210, 190, 229 by changing the saturation by 10% instead.

 210, 190, 229

 210, 190, 229

255, 255, 255

 182, 163, 201

 255, 246, 255

 155, 137, 173

 129, 111, 147

 104, 87, 121

 79, 63, 96

 56, 41, 72

 34, 21, 50

 14, 0, 29

 0, 0, 0

■ 210, 190, 229

■ 210, 190, 229

■ 199, 167, 229

■ 221, 213, 229

■ 188, 144, 229

■ 229, 236, 233

■ 177, 121, 229

■ 229, 255, 241

■ 165, 98, 229

■ 229, 255, 229

■ 154, 76, 229

■ 143, 53, 229

■ 132, 30, 229

■ 121, 7, 229

■ 117, 0, 229

Harmonies

Analogous

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



183, 194, 238



210, 190, 229



230, 185, 212

Triad

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



210, 190, 229



226, 224, 159



144, 179, 210

Complementary

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



210, 190, 229



190, 229, 210

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.



160, 192, 208



210, 190, 229



167, 206, 157

Square

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



210, 190, 229



238, 190, 172



166, 204, 187



142, 178, 223

Rectangle

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



210, 190, 229



238, 183, 198



166, 204, 187



148, 182, 209

Sweetspot

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



210, 190, 229



249, 242, 255



190, 203, 229



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 190, 229



230, 204, 255



229, 190, 229



109, 103, 115



92, 0, 179



26, 0, 51

Inverse Universe

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



229, 190, 209



255, 204, 229



190, 229, 229



115, 103, 109



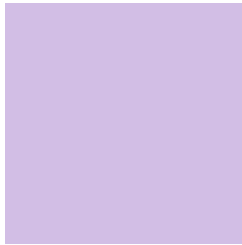
179, 0, 87



51, 0, 25

Previews

White Background



This preview shows how the RYB color 210, 190, 229 looks on a white background.

Color Contrast Check

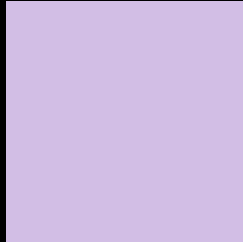
Large Text (above 18pt) WCAG AA × Fail

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 210, 190, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

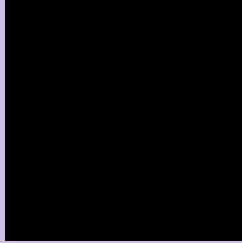
Any Text WCAG AA ✓ Pass

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 210, 190, 229 Background



This preview shows how black text looks on a background with the RYB color 210, 190, 229.



This preview shows how white text looks on a background with the RYB color 210, 190, 229.

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
210, 190, 229

Protanopia
190, 195, 233

Deuteranopia
202, 193, 228



Tritanopia
207, 194, 209

Trichromacy



Original Color
210, 190, 229

Protanomaly
197, 194, 232

Deuteranomaly
205, 192, 228

Tritanomaly
208, 193, 216

Monochromacy



Original Color
210, 190, 229

Achromatopsia
200, 200, 200

Achromatomaly
204, 196, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 190, 229 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(210, 190, 229) looks like.

```
.text, #text, p{  
    color:rgb(210, 190, 229)  
}
```

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(210, 190, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 190, 229) }
```

Border

The CSS property to change the border of an element to RYB 210, 190, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

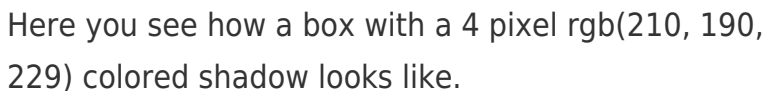
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 190, 229) }
```

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

```
.border{ border-color:rgb(210, 190, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 190, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 190, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 190, 229); box-shadow:4px 4px 4px 4px rgb(210, 190, 229) }
```

Background

The CSS property to change the background color of an element to RGB 210, 190, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 190, 229) }
```

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

```
.background{ background-color: rgb(210,  
190, 229) }
```

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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