

Converting Colors

`RYB(210, 199, 230)`

Have a look what the booklet for
RYB(210, 199, 230) contains.

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Color

R_YB(210, 199, 230)

Conversions

Conversions Part 1

Format	Color
Hex	D2C7E6
RGB	210, 199, 230
RGB Percent	82%, 78%, 90%
CMY	0.1765, 0.2196, 0.0980
CMYK	0.09, 0.13, 0.00, 0.10
HSL	261°, 38%, 84%
HSV	261°, 13%, 90%
XYZ	61.2847, 60.2617, 83.2645
YIQ	205.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

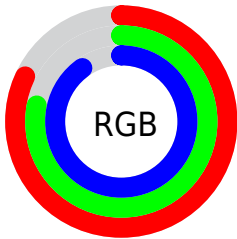
Format	Color
R_{YB}	210, 199, 230
Decimal	13813734
CIE _{Lab}	81.98, 9.63, -13.96
CIE _{LCh}	82, 16.960, 304.594
Yxy	60.2617, 0.2992, 0.2942
Android (android.graphics.Color)	4292003814 (0xFFD2C7E6)
YUV	205.8230, 11.9193, 3.6632
Hunter-Lab	77.6284, 5.0694, -9.2548

Details

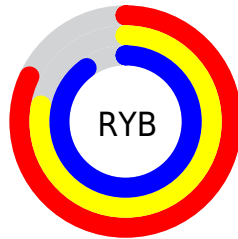
The RYB color `210, 199, 230` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `199, 230, 210`, and the grayscale version is `206, 206, 206`.

A 20% lighter version of the original color is `255, 255, 255`, and `155, 145, 174` is the 20% darker color. If you saturate the color by 10%, you get `195, 176, 230`, and if you desaturate by 10%, it is `225, 222, 230`.

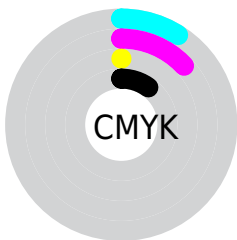
Distribution



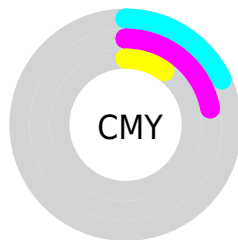
- Red (82%)
- Green (78%)
- Blue (90%)



- Red (82%)
- Yellow (78%)
- Blue (90%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 199, 230 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, 199, 230 by changing the saturation by 10% instead.

■ 210, 199, 230

255, 255, 255

■ 210, 199, 230

■ 182, 172, 202

■ 155, 145, 174

■ 129, 119, 148

■ 104, 95, 122

■ 80, 71, 97

■ 57, 49, 73


■ 35, 28, 51

■ 15, 1, 30


■ 0, 0, 0

 210, 199, 230


 210, 199, 230

 195, 176, 230


 225, 222, 230

 180, 153, 230


 230, 245, 235


 165, 130, 230


 230, 255, 230

 151, 107, 230

 136, 84, 230

 121, 61, 230

 106, 38, 230

 91, 15, 230

 82, 0, 230

Harmonies

Analogous

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



190, 201, 235



210, 199, 230



227, 195, 218

Triad

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



210, 199, 230



229, 214, 176



166, 191, 213

Complementary

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



210, 199, 230



199, 230, 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.



179, 204, 212



210, 199, 230



185, 214, 172

Square

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



210, 199, 230



237, 195, 186



177, 208, 189



163, 190, 221

Rectangle

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



210, 199, 230



234, 193, 207



177, 208, 189



169, 195, 213

Sweetspot

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



210, 199, 230



248, 245, 255



199, 211, 230



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 199, 230



229, 214, 255



225, 199, 230



107, 103, 115



63, 0, 179



18, 0, 51

Inverse Universe

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



230, 199, 219



255, 214, 241



199, 230, 225



115, 103, 111



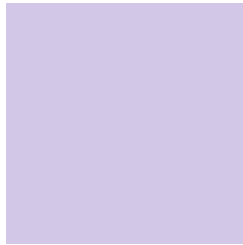
179, 0, 115



51, 0, 33

Previews

White Background



This preview shows how the RYB color 210, 199, 230 looks on a white background.

Color Contrast Check

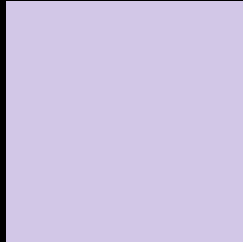
Large Text (above 18pt) WCAG AA × Fail

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, 199, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

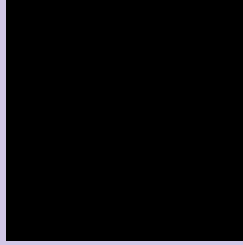
Any Text WCAG AA ✓ Pass

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, 199, 230 Background



This preview shows how black text looks on a background with the RYB color 210, 199, 230.



This preview shows how white text looks on a background with the RYB color 210, 199, 230.

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, 199, 230

Protanopia
199, 202, 232

Deuteranopia
211, 199, 230



Tritanopia
208, 201, 217

Trichromacy



Original Color

210, 199, 230

Protanomaly

203, 201, 231

Deuteranomaly

211, 199, 230

Tritanomaly

209, 200, 222

Monochromacy



Original Color

210, 199, 230

Achromatopsia

206, 206, 206

Achromatomaly

207, 203, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 199, 230 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, 199, 230)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 230)  
}
```

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, 199, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 230) }
```

Border

The CSS property to change the border of an element to RYB 210, 199, 230 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, 199, 230) }
```

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

```
.border{ border-color:rgb(210, 199, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 230);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 210, 199, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 230) }
```

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

```
.background{ background-color: rgb(210,  
199, 230) }
```

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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