

Converting Colors

`RYB(199, 201, 226)`

Have a look what the booklet for
RYB(199, 201, 226) contains.

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Color

R_YB(199, 201, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C7C9E2
RGB	199, 201, 226
RGB Percent	78%, 79%, 89%
CMY	0.2196, 0.2111, 0.1137
CMYK	0.12, 0.11, 0.00, 0.11
HSL	235°, 32%, 83%
HSV	235°, 12%, 89%
XYZ	58.2046, 59.4810, 80.3648
YIQ	203.2520, -9.2170, 7.3510

Conversions

Conversions Part 2

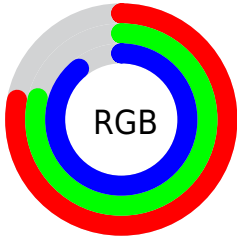
Format	Color
R _Y B	199, 201, 226
Decimal	13093346
CIE Lab	81.56, 4.10, -12.55
CIE LCh	82, 13.199, 288.096
Yxy	59.4810, 0.2939, 0.3003
Android (android.graphics.Color)	4291283426 (0xFFC7C9E2)
YUV	203.2520, 11.2148, -3.7290
Hunter-Lab	77.1239, -0.2549, -7.7947

Details

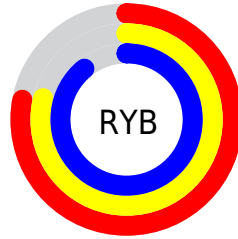
The RYB color **199, 201, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 226, 199**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 147, 171** is the 20% darker color. If you saturate the color by 10%, you get **176, 180, 226**, and if you desaturate by 10%, it is **222, 222, 226**.

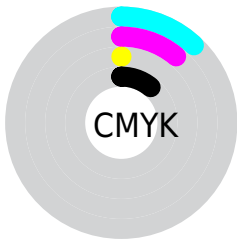
Distribution



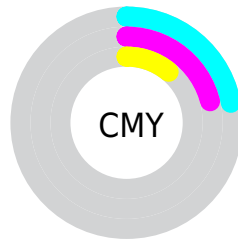
- Red (78%)
- Green (79%)
- Blue (89%)



- Red (78%)
- Yellow (79%)
- Blue (89%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 201, 226 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, 201, 226 by changing the saturation by 10% instead.

■ 199, 201, 226

255, 255, 255

■ 199, 201, 226

■ 172, 174, 198

■ 145, 147, 171

■ 119, 122, 144

■ 94, 97, 118

■ 70, 73, 94

■ 48, 51, 70

■ 26, 29, 48

■ 2, 4, 27

■ 0, 0, 0

■ 199, 201, 226

■ 199, 201, 226

■ 176, 180, 226

■ 222, 222, 226

■ 154, 160, 226

■ 227, 244, 226

■ 131, 138, 226

■ 226, 255, 226

■ 109, 117, 226

■ 86, 96, 226

■ 63, 75, 226

■ 41, 55, 226

■ 18, 34, 226

■ 0, 17, 226

Harmonies

Analogous

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



184, 198, 226



199, 201, 226



214, 197, 219

Triad

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



199, 201, 226



227, 202, 185



178, 198, 210

Complementary

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



199, 201, 226



201, 226, 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.



186, 208, 204



199, 201, 226



212, 218, 179

Square

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



199, 201, 226



229, 194, 195



180, 205, 179



172, 191, 210

Rectangle

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



199, 201, 226



222, 195, 212



180, 205, 179



182, 201, 209

Sweetspot

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



199, 201, 226



245, 246, 255



199, 213, 226



121, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 201, 226



219, 222, 255



210, 199, 226



101, 102, 112



0, 13, 176



0, 4, 48

Inverse Universe

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



226, 199, 201



255, 219, 222



199, 226, 210



112, 101, 102



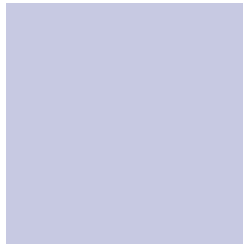
176, 0, 14



48, 0, 4

Previews

White Background



This preview shows how the RYB color 199, 201, 226 looks on a white background.

Color Contrast Check

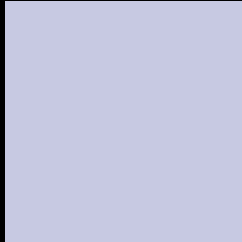
Large Text (above 18pt) WCAG AA × Fail

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, 201, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

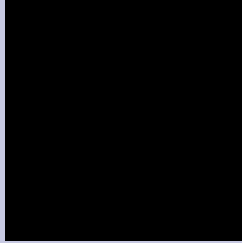
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

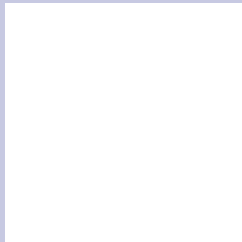
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 199, 201, 226 Background



This preview shows how black text looks on a background with the RYB color 199, 201, 226.

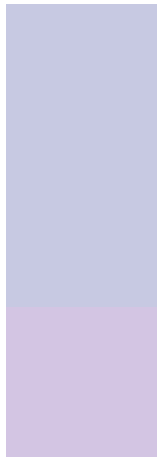


This preview shows how white text looks on a background with the RYB color 199, 201, 226.

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, 201, 226

Protanopia
199, 201, 226

Deuteranopia
211, 197, 227



Tritanopia
198, 201, 218

Trichromacy



Original Color
199, 201, 226

Protanomaly
199, 201, 226

Deuteranomaly
207, 199, 227

Tritanomaly
198, 201, 221

Monochromacy



Original Color
199, 201, 226

Achromatopsia
203, 203, 203

Achromatomaly
202, 202, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 201, 226 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, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 226)  
}
```

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, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 226) }
```

Border

The CSS property to change the border of an element to RYB 199, 201, 226 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, 201, 226) }
```

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

```
.border{ border-color:rgb(199, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 201, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 201, 226); box-shadow:4px 4px 4px 4px rgb(199, 201, 226) }
```

Background

The CSS property to change the background color of an element to RYB 199, 201, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 226) }
```

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

```
.background{ background-color: rgb(199,  
201, 226) }
```

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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