

Converting Colors

`RYB(215, 199, 211)`

Have a look what the booklet for
RYB(215, 199, 211) contains.

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Color

R_YB(215, 199, 211)

Conversions

Conversions Part 1

Format	Color
Hex	D7C7D3
RGB	215, 199, 211
RGB Percent	84%, 78%, 83%
CMY	0.1569, 0.2196, 0.1725
CMYK	0.00, 0.07, 0.02, 0.16
HSL	315°, 17%, 81%
HSV	315°, 7%, 84%
XYZ	60.2056, 59.9971, 70.0354
YIQ	205.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

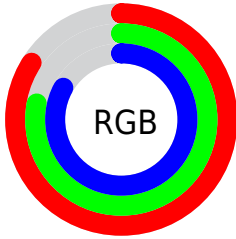
Format	Color
R _Y B	215, 199, 211
Decimal	14141395
CIE Lab	81.84, 7.70, -3.96
CIE LCh	82, 8.656, 332.782
Yxy	59.9971, 0.3165, 0.3154
Android (android.graphics.Color)	4292331475 (0xFFD7C7D3)
YUV	205.1520, 2.8831, 8.6367
Hunter-Lab	77.4578, 3.1916, 0.6119

Details

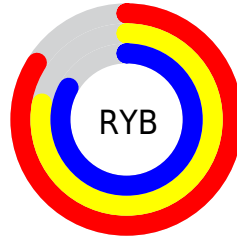
The RYB color **215, 199, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 212, 215**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 145, 157** is the 20% darker color. If you saturate the color by 10%, you get **215, 178, 206**, and if you desaturate by 10%, it is **215, 220, 221**.

Distribution



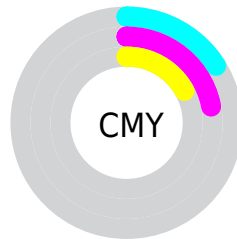
- Red (84%)
- Green (78%)
- Blue (83%)



- Red (84%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 199, 211 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 215, 199, 211 by changing the saturation by 10% instead.

■ 215, 199, 211

255, 255, 255

■ 215, 199, 211

■ 187, 172, 183

■ 160, 145, 157

■ 134, 119, 130

■ 109, 95, 105

■ 84, 71, 81

■ 61, 49, 58


■ 39, 28, 37

■ 19, 1, 16

■ 0, 0, 0

 215, 199, 211

 215, 199, 211

 215, 178, 206

 215, 220, 221

 215, 156, 200

 215, 236, 242

 215, 135, 195


 215, 246, 255

 215, 113, 189

 215, 243, 255

 215, 92, 184


 215, 240, 255

 215, 70, 179


 215, 239, 255

 215, 49, 173

 215, 237, 255

 215, 27, 168

 215, 235, 255

 215, 5, 163

 215, 235, 255

Harmonies

Analogous

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



206, 201, 217



215, 199, 211



220, 198, 203

Triad

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



215, 199, 211



197, 210, 187



184, 197, 212

Complementary

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



215, 199, 211



199, 212, 215

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.



185, 198, 208



215, 199, 211



190, 206, 196

Square

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



215, 199, 211



217, 207, 189



191, 204, 208



188, 199, 218

Rectangle

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



215, 199, 211



221, 198, 197



191, 204, 208



184, 196, 209

Sweetspot

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



215, 199, 211



255, 250, 254



203, 199, 215



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



215, 199, 211



255, 232, 249



215, 199, 203



107, 96, 104



171, 0, 128



43, 0, 33

Inverse Universe

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



215, 199, 211



255, 232, 249



199, 208, 215



107, 96, 104



171, 0, 128



43, 0, 33

Previews

White Background



This preview shows how the RYB color 215, 199, 211 looks on a white background.

Color Contrast Check

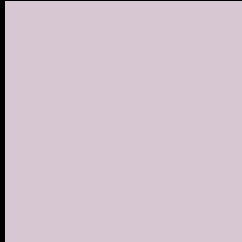
Large Text (above 18pt) WCAG AA × Fail

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 215, 199, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

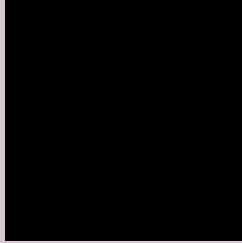
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

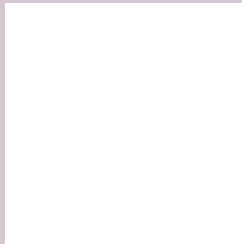
Any Text WCAG AAA ✓ Pass

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

RYP 215, 199, 211 Background



This preview shows how black text looks on a background with the RYP color 215, 199, 211.



This preview shows how white text looks on a background with the RYP color 215, 199, 211.

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

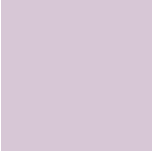
215, 199, 211

Protanopia

204, 202, 213

Deuteranopia

220, 197, 211



Tritanopia
215, 199, 214

Trichromacy



Original Color

215, 199, 211

Protanomaly

208, 201, 212

Deuteranomaly

218, 198, 211

Tritanomaly

215, 199, 213

Monochromacy



Original Color

215, 199, 211

Achromatopsia

205, 205, 205

Achromatomaly

209, 203, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 199, 211 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(215, 199, 211) looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 211)  
}
```

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(215, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 211) }
```

Border

The CSS property to change the border of an element to RYB 215, 199, 211 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(215, 199, 211) }
```

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

```
.border{ border-color:rgb(215, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 215, 199, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 211) }
```

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

```
.background{ background-color: rgb(215,  
199, 211) }
```

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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