

Converting Colors

`RYB(203, 192, 222)`

Have a look what the booklet for RYB(203, 192, 222) contains.

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Color

R_YB(203, 192, 222)

Conversions

Conversions Part 1

Format	Color
Hex	CBC0DE
RGB	203, 192, 222
RGB Percent	80%, 75%, 87%
CMY	0.2039, 0.2471, 0.1294
CMYK	0.09, 0.14, 0.00, 0.13
HSL	262°, 31%, 81%
HSV	262°, 14%, 87%
XYZ	56.6631, 55.6697, 76.8661
YIQ	198.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

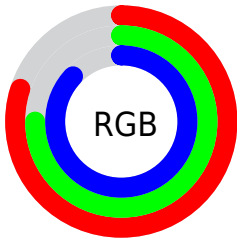
Format	Color
R_{YB}	203, 192, 222
Decimal	13353182
CIE _{Lab}	79.43, 9.50, -13.56
CIE _{LCh}	79, 16.552, 305.016
Yxy	55.6697, 0.2995, 0.2942
Android (android.graphics.Color)	4291543262 (0xFFCBC0DE)
YUV	198.7090, 11.4825, 3.7632
Hunter-Lab	74.6121, 4.9879, -8.8526

Details

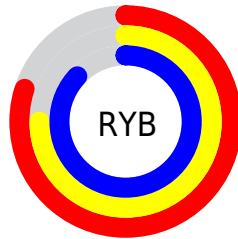
The RYB color `203, 192, 222` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `192, 222, 203`, and the grayscale version is `199, 199, 199`.

A 20% lighter version of the original color is `255, 248, 255`, and `149, 139, 167` is the 20% darker color. If you saturate the color by 10%, you get `189, 170, 222`, and if you desaturate by 10%, it is `217, 214, 222`.

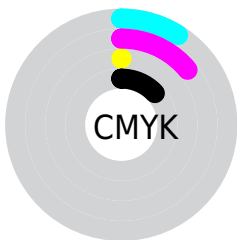
Distribution



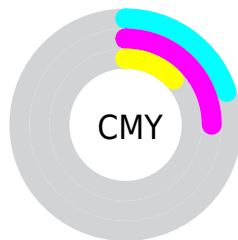
- Red (80%)
- Green (75%)
- Blue (87%)



- Red (80%)
- Yellow (75%)
- Blue (87%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 192, 222 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 203, 192, 222 by changing the saturation by 10% instead.

■ 203, 192, 222

255, 255, 255

■ 255, 248, 255

■ 203, 192, 222

■ 176, 165, 194

■ 149, 139, 167

■ 123, 113, 140

■ 98, 89, 115

■ 74, 65, 90

■ 51, 43, 67

■ 29, 23, 45

■ 4, 0, 24

■ 0, 0, 0

■ 203, 192, 222

■ 203, 192, 222

■ 189, 170, 222

■ 217, 214, 222

■ 175, 148, 222

■ 222, 236, 227

■ 161, 125, 222

■ 222, 255, 232

■ 147, 103, 222

■ 222, 255, 222

■ 133, 81, 222

■ 119, 59, 222

■ 105, 37, 222

■ 91, 14, 222

■ 81, 0, 222

Harmonies

Analogous

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



183, 194, 227



203, 192, 222



219, 188, 210

Triad

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



203, 192, 222



221, 207, 169



160, 185, 206

Complementary

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



203, 192, 222



192, 222, 203

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.



172, 197, 205



203, 192, 222



179, 207, 166

Square

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



203, 192, 222



229, 190, 180



171, 201, 183



157, 183, 214

Rectangle

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



203, 192, 222



226, 186, 200



171, 201, 183



163, 188, 206

Sweetspot

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



203, 192, 222



249, 245, 255



192, 204, 222



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 192, 222



229, 214, 255



218, 192, 222



105, 101, 112



65, 0, 176



18, 0, 48

Inverse Universe

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



222, 192, 211



255, 214, 240



192, 222, 218



112, 101, 108



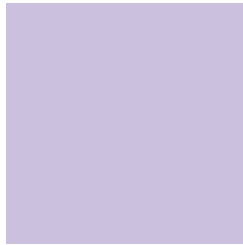
176, 0, 111



48, 0, 31

Previews

White Background



This preview shows how the RYB color 203, 192, 222 looks on a white background.

Color Contrast Check

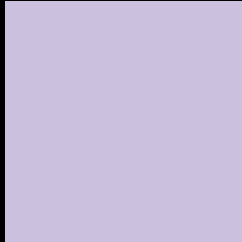
Large Text (above 18pt) WCAG AA × Fail

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 203, 192, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

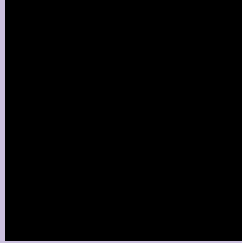
Any Text WCAG AA ✓ Pass

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 203, 192, 222 Background



This preview shows how black text looks on a background with the RYB color 203, 192, 222.



This preview shows how white text looks on a background with the RYB color 203, 192, 222.

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
203, 192, 222

Protanopia
192, 195, 224

Deuteranopia
204, 192, 222



Tritanopia
201, 194, 209

Trichromacy



Original Color

203, 192, 222

Protanomaly

196, 194, 223

Deuteranomaly

204, 192, 222

Tritanomaly

202, 193, 214

Monochromacy



Original Color

203, 192, 222

Achromatopsia

199, 199, 199

Achromatomaly

200, 196, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 192, 222 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(203, 192, 222) looks like.

```
.text, #text, p{  
    color:rgb(203, 192, 222)  
}
```

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(203, 192, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 222) }
```

Border

The CSS property to change the border of an element to RYB 203, 192, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

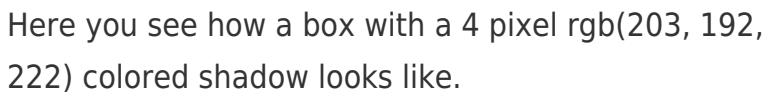
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 192, 222) }
```

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

```
.border{ border-color:rgb(203, 192, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 192, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 192, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 192, 222); box-shadow:4px 4px 4px 4px rgb(203, 192, 222) }
```

Background

The CSS property to change the background color of an element to RGB 203, 192, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 222) }
```

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

```
.background{ background-color: rgb(203,  
192, 222) }
```

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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