

Converting Colors

`RYB(207, 202, 237)`

Have a look what the booklet for
RYB(207, 202, 237) contains.

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Color

R_YB(207, 202, 237)

Conversions

Conversions Part 1

Format	Color
Hex	CFCAED
RGB	207, 202, 237
RGB Percent	81%, 79%, 93%
CMY	0.1882, 0.2078, 0.0706
CMYK	0.13, 0.15, 0.00, 0.07
HSL	249°, 49%, 86%
HSV	249°, 15%, 93%
XYZ	62.1387, 61.6209, 88.7397
YIQ	207.4850, -8.2550, 11.9450

Conversions

Conversions Part 2

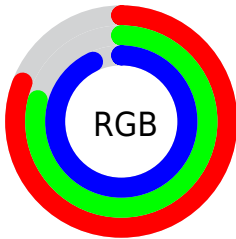
Format	Color
RYB	207, 202, 237
Decimal	13617901
CIELab	82.71, 8.47, -16.62
CIELCh	83, 18.660, 297.011
Yxy	61.6209, 0.2924, 0.2900
Android (android.graphics.Color)	4291807981 (0xFFCFAED)
YUV	207.4850, 14.5509, -0.4253
Hunter-Lab	78.4990, 3.9250, -12.0755

Details

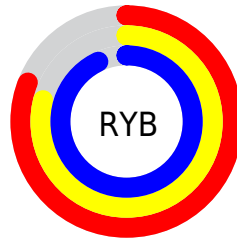
The RYB color **207, 202, 237** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **202, 237, 207**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **152, 148, 181** is the 20% darker color. If you saturate the color by 10%, you get **187, 178, 237**, and if you desaturate by 10%, it is **227, 226, 237**.

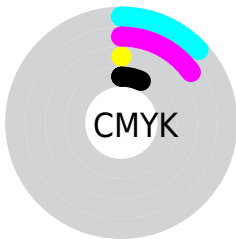
Distribution



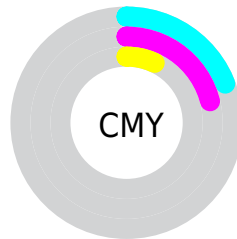
- Red (81%)
- Green (79%)
- Blue (93%)



- Red (81%)
- Yellow (79%)
- Blue (93%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 202, 237 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 207, 202, 237 by changing the saturation by 10% instead.

■ 207, 202, 237

255, 255, 255

■ 207, 202, 237

■ 179, 175, 209

■ 152, 148, 181

■ 126, 122, 154

■ 101, 97, 128

■ 77, 74, 103

■ 54, 51, 79

■ 31, 30, 56

■ 11, 5, 35

■ 0, 0, 10

■ 207, 202, 237

■ 207, 202, 237

■ 187, 178, 237

■ 227, 226, 237

■ 166, 155, 237

■ 237, 249, 238

■ 146, 131, 237

■ 237, 255, 237

■ 126, 107, 237

■ 105, 83, 237

■ 85, 60, 237

■ 65, 36, 237

■ 44, 12, 237

■ 34, 0, 237

Harmonies

Analogous

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



184, 201, 240



207, 202, 237



227, 197, 225

Triad

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



207, 202, 237



236, 210, 177



166, 195, 216

Complementary

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



207, 202, 237



202, 237, 207

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.



183, 211, 214



207, 202, 237



199, 222, 171

Square

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



207, 202, 237



243, 195, 191



175, 210, 183



160, 189, 221

Rectangle

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



207, 202, 237



237, 194, 214



175, 210, 183



171, 200, 216

Sweetspot

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



207, 202, 237



246, 245, 255



202, 218, 237



122, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 202, 237



216, 209, 255



224, 202, 237



107, 106, 117



26, 0, 181



8, 0, 54

Inverse Universe

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



237, 202, 232



255, 209, 248



202, 237, 224



117, 106, 116



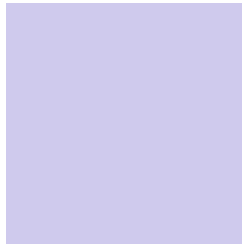
181, 0, 155



54, 0, 46

Previews

White Background



This preview shows how the RYB color 207, 202, 237 looks on a white background.

Color Contrast Check

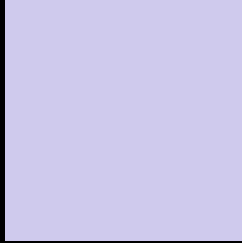
Large Text (above 18pt) WCAG AA × Fail

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 207, 202, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

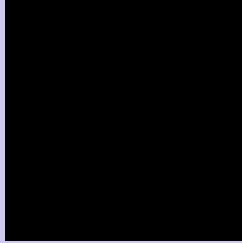
Any Text WCAG AA ✓ Pass

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 207, 202, 237 Background



This preview shows how black text looks on a background with the RYB color 207, 202, 237.



This preview shows how white text looks on a background with the RYB color 207, 202, 237.

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
207, 202, 237

Protanopia
200, 204, 238

Deuteranopia
211, 201, 237



Tritanopia
204, 205, 221

Trichromacy



Original Color
207, 202, 237

Protanomaly
203, 203, 238

Deuteranomaly
210, 201, 237

Tritanomaly
205, 204, 227

Monochromacy



Original Color
207, 202, 237

Achromatopsia
207, 207, 207

Achromatomaly
207, 205, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 202, 237 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(207, 202, 237)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 237)  
}
```

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(207, 202, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 237) }
```

Border

The CSS property to change the border of an element to RYB 207, 202, 237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

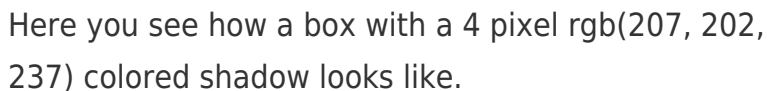
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 202, 237) }
```

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

```
.border{ border-color:rgb(207, 202, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 202, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 237);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 207, 202, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 237) }
```

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

```
.background{ background-color: rgb(207,  
202, 237) }
```

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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