

Converting Colors

`RYB(202, 169, 210)`

Have a look what the booklet for RYB(202, 169, 210) contains.

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Color

R_YB(202, 169, 210)

Conversions

Conversions Part 1

Format	Color
Hex	CAA9D2
RGB	202, 169, 210
RGB Percent	79%, 66%, 82%
CMY	0.2078, 0.3373, 0.1765
CMYK	0.04, 0.20, 0.00, 0.18
HSL	288°, 31%, 74%
HSV	288°, 20%, 82%
XYZ	50.1779, 45.5856, 67.1270
YIQ	183.5410, 6.5070, 19.7470

Conversions

Conversions Part 2

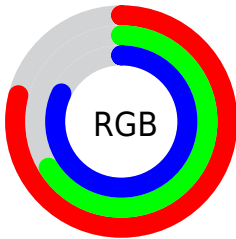
Format	Color
R_{YB}	202, 169, 210
Decimal	13281746
CIE _{Lab}	73.28, 19.30, -16.30
CIE _{LCh}	73, 25.256, 319.819
Yxy	45.5856, 0.3080, 0.2799
Android (android.graphics.Color)	4291471826 (0xFFCAA9D2)
YUV	183.5410, 13.0443, 16.1885
Hunter-Lab	67.5171, 14.5041, -11.6854

Details

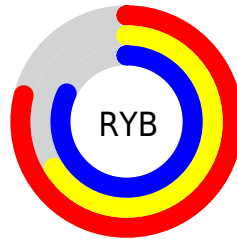
The RYB color **202, 169, 210** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 210, 202**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 224, 255**, and **148, 117, 155** is the 20% darker color. If you saturate the color by 10%, you get **198, 148, 210**, and if you desaturate by 10%, it is **206, 190, 210**.

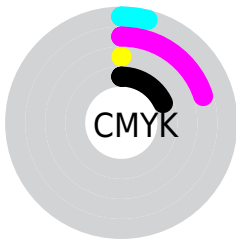
Distribution



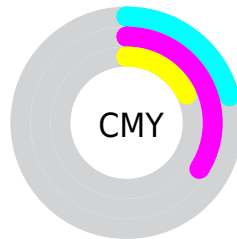
- Red (79%)
- Green (66%)
- Blue (82%)



- Red (79%)
- Yellow (66%)
- Blue (82%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)





- Cyan (21%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 169, 210 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 202, 169, 210 by changing the saturation by 10% instead.

 202, 169, 210

 202, 169, 210

255, 255, 255

 174, 142, 182

 255, 224, 255

 148, 117, 155

 255, 253, 255

 122, 92, 129

 96, 68, 104

 72, 45, 80


 49, 24, 57

 29, 0, 35


 0, 0, 11


 0, 0, 0

 202, 169, 210


 202, 169, 210

 198, 148, 210

 206, 190, 210

 194, 127, 210

 210, 211, 211

 190, 106, 210

 210, 232, 228

 186, 85, 210


 210, 253, 245

 182, 64, 210

 210, 255, 243

 177, 43, 210

 210, 255, 238

 173, 22, 210

 210, 255, 234

 169, 1, 210

 210, 255, 230

 169, 0, 210

 210, 255, 226

Harmonies

Analogous

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



173, 177, 223



202, 169, 210



221, 164, 189

Triad

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



202, 169, 210



182, 204, 135



114, 154, 195

Complementary

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



202, 169, 210



169, 210, 202

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.



130, 168, 193



202, 169, 210



136, 183, 138

Square

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



202, 169, 210



221, 177, 146



149, 189, 183



118, 159, 214

Rectangle

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



202, 169, 210



227, 163, 173



149, 189, 183



117, 157, 193

Sweetspot

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



202, 169, 210



252, 240, 255



169, 176, 210



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 169, 210



244, 196, 255



210, 169, 198



103, 94, 105



135, 0, 168



33, 0, 41

Inverse Universe

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



210, 169, 177



255, 196, 208



169, 201, 210



105, 94, 96



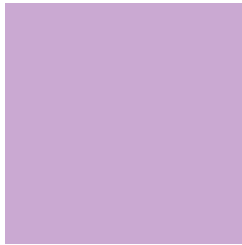
168, 0, 33



41, 0, 8

Previews

White Background



This preview shows how the RYB color 202, 169, 210 looks on a white background.

Color Contrast Check

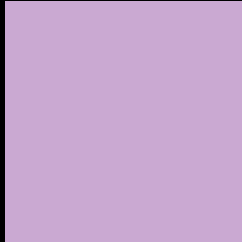
Large Text (above 18pt) WCAG AA × Fail

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 202, 169, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

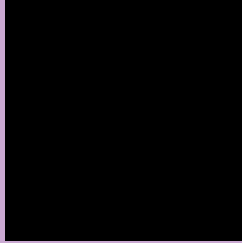
Any Text WCAG AA ✓ Pass

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 202, 169, 210 Background



This preview shows how black text looks on a background with the RYB color 202, 169, 210.

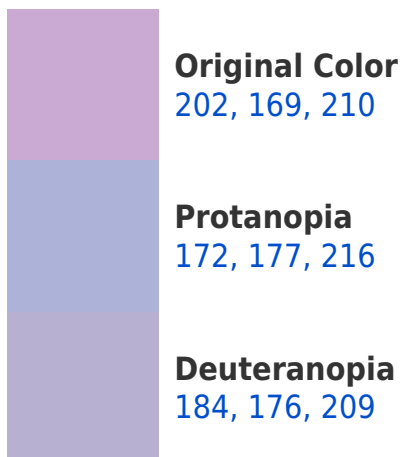


This preview shows how white text looks on a background with the RYB color 202, 169, 210.

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





Tritanopia
199, 173, 187

Trichromacy



Original Color
202, 169, 210

Protanomaly
183, 175, 214

Deuteranomaly
191, 173, 209

Tritanomaly
200, 172, 195

Monochromacy



Original Color
202, 169, 210

Achromatopsia
184, 184, 184

Achromatomaly
191, 179, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 169, 210 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(202, 169, 210)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 210)  
}
```

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(202, 169, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 210) }
```

Border

The CSS property to change the border of an element to RYB 202, 169, 210 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(202, 169, 210) }
```

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

```
.border{ border-color:rgb(202, 169, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 210);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 202, 169, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 210) }
```

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

```
.background{ background-color: rgb(202,  
169, 210) }
```

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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