

# Converting Colors

`RYB(201, 166, 171)`

Have a look what the booklet for  
RYB(201, 166, 171) contains.

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# **Color**

**R<sub>Y</sub>B(201, 166, 171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9A6AB
RGB	201, 166, 171
RGB Percent	79%, 65%, 67%
CMY	0.2118, 0.3490, 0.3294
CMYK	0.00, 0.17, 0.15, 0.21
HSL	351°, 24%, 72%
HSV	351°, 17%, 79%
XYZ	45.0743, 42.6302, 44.3809
YIQ	177.0350, 19.2550, 8.9750

# Conversions

## Conversions Part 2

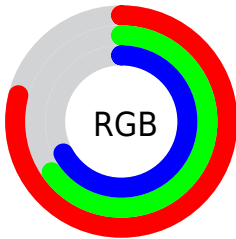
Format	Color
R <sub>Y</sub> B	201, 166, 171
Decimal	13215403
CIE Lab	71.30, 13.61, 2.23
CIE LCh	71, 13.787, 9.325
Yxy	42.6302, 0.3413, 0.3227
Android (android.graphics.Color)	4291405483 (0xFFC9A6AB)
YUV	177.0350, -2.9753, 21.0173
Hunter-Lab	65.2918, 8.9670, 5.4030

# Details

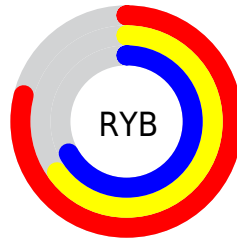
The RYB color **201, 166, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166, 185, 201**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 221, 226**, and **147, 114, 119** is the 20% darker color. If you saturate the color by 10%, you get **201, 146, 154**, and if you desaturate by 10%, it is **201, 186, 188**.

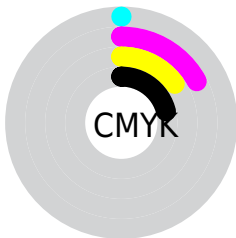
# Distribution



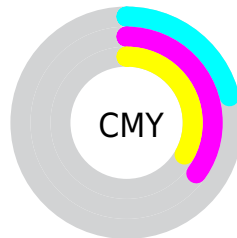
- Red (79%)
- Green (65%)
- Blue (67%)



- Red (79%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (21%)




- Cyan (21%)
- Magenta (35%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the RYB color 201, 166, 171 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 201, 166, 171 by changing the saturation by 10% instead.



 201, 166, 171

 201, 166, 171


255, 255, 255

 173, 140, 145


 255, 221, 226

 147, 114, 119

 255, 250, 255

 121, 89, 94


 95, 66, 71


 71, 43, 48


 48, 23, 27


 30, 0, 0


 0, 0, 0


 201, 166, 171


 201, 166, 171

 201, 146, 154


 201, 186, 188

 201, 126, 137


 201, 204, 206

 201, 106, 119


 201, 214, 226


 201, 86, 102

 201, 225, 246

 201, 66, 85

 201, 228, 255

 201, 45, 68

 201, 25, 50

 201, 5, 33

 201, 0, 29

# Harmonies

## Analogous

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



195, 167, 184



201, 166, 171



200, 169, 159

# Triad

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



201, 166, 171



155, 179, 168



151, 168, 198

# Complementary

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



201, 166, 171



166, 185, 201

# 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.



143, 164, 190



201, 166, 171



153, 173, 181

# Square

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



201, 166, 171



157, 181, 150



144, 164, 182



166, 172, 199

# Rectangle

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



201, 166, 171



196, 181, 153



144, 164, 182



148, 167, 196



# Sweetspot

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



201, 166, 171



255, 242, 244



196, 166, 201



128, 120, 121



0, 0, 0



128, 128, 128



# Same Dimension

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



201, 166, 171



255, 201, 209



201, 184, 166



99, 90, 91



163, 0, 23



36, 0, 5



# Inverse Universe

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



201, 166, 171



255, 201, 209



166, 180, 201



99, 90, 91



163, 0, 23



36, 0, 5



# Previews

## White Background



This preview shows how the RYB color 201, 166, 171 looks on a white background.

## Color Contrast Check

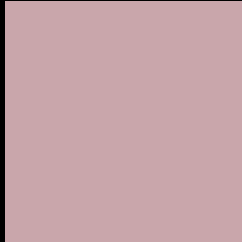
Large Text (above 18pt) WCAG AA × Fail

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 201, 166, 171 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 201, 166, 171 Background**



This preview shows how black text looks on a background with the RYB color 201, 166, 171.



This preview shows how white text looks on a background with the RYB color 201, 166, 171.

# 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**  
201, 166, 171

**Protanopia**  
178, 174, 176

**Deuteranopia**  
193, 169, 170



# Tritanopia

202, 165, 178

# Trichromacy



**Original Color**

201, 166, 171

**Protanomaly**

186, 171, 174

**Deuteranomaly**

196, 168, 170

**Tritanomaly**

202, 165, 175

# Monochromacy



**Original Color**

201, 166, 171

**Achromatopsia**

177, 177, 177

**Achromatomaly**

186, 173, 175

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 201, 166, 171 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(201, 166, 171) looks like.

```
.text, #text, p{  
    color:rgb(201, 166, 171)  
}
```

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(201, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 166, 171) }
```

## Border

The CSS property to change the border of an element to RYB 201, 166, 171 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(201, 166, 171) }
```

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

```
.border{ border-color:rgb(201, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 166,  
171) }
```

# Background

The CSS property to change the background color of an element to RGB 201, 166, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 166, 171) }
```

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

```
.background{ background-color: rgb(201,  
166, 171) }
```

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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