

Converting Colors

`RYB(201, 171, 190)`

Have a look what the booklet for
RYB(201, 171, 190) contains.

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Color

R_YB(201, 171, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C9ABBE
RGB	201, 171, 190
RGB Percent	79%, 67%, 75%
CMY	0.2118, 0.3294, 0.2549
CMYK	0.00, 0.15, 0.05, 0.21
HSL	322°, 22%, 73%
HSV	322°, 15%, 79%
XYZ	47.9446, 45.2610, 54.9245
YIQ	182.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

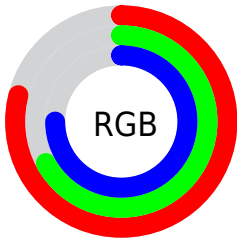
Format	Color
R _Y B	201, 171, 190
Decimal	13216702
CIE Lab	73.06, 14.12, -5.65
CIE LCh	73, 15.213, 338.196
Yxy	45.2610, 0.3237, 0.3055
Android (android.graphics.Color)	4291406782 (0xFFC9ABBE)
YUV	182.1360, 3.8770, 16.5437
Hunter-Lab	67.2763, 9.4747, -1.3110

Details

The RYB color **201, 171, 190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 193, 201**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 226, 246**, and **147, 119, 137** is the 20% darker color. If you saturate the color by 10%, you get **201, 151, 183**, and if you desaturate by 10%, it is **201, 191, 197**.

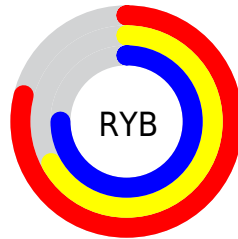
Distribution



Red (79%)

Green (67%)

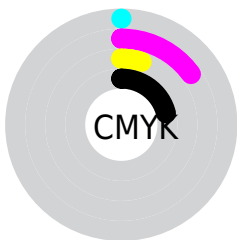
Blue (75%)



Red (79%)

Yellow (67%)

Blue (75%)

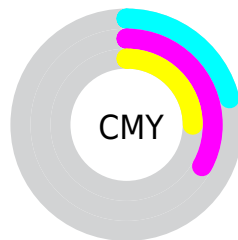


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 171, 190 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, 171, 190 by changing the saturation by 10% instead.

■ 201, 171, 190

255, 255, 255

■ 255, 226, 246

■ 201, 171, 190

■ 174, 144, 163

■ 147, 119, 137

■ 121, 94, 111

■ 96, 70, 87

■ 72, 48, 64


■ 49, 26, 42


■ 29, 1, 22


■ 0, 0, 0


■ 201, 171, 190


■ 201, 171, 190

 201, 151, 183


 201, 191, 197

 201, 131, 175


 201, 208, 211

 201, 111, 168


 201, 223, 231


 201, 91, 161


 201, 238, 251

 201, 70, 153


 201, 237, 255

 201, 50, 146


 201, 235, 255

 201, 30, 138

 201, 232, 255

 201, 10, 131

 201, 230, 255

 201, 0, 127

 201, 228, 255

Harmonies

Analogous

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



187, 175, 201



201, 171, 190



208, 170, 176

Triad

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



201, 171, 190



161, 187, 152



144, 168, 196

Complementary

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



201, 171, 190



171, 193, 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.



145, 168, 188



201, 171, 190



157, 184, 170

Square

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



201, 171, 190



200, 193, 154



156, 178, 187



153, 172, 205

Rectangle

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



201, 171, 190



209, 171, 167



156, 178, 187



143, 166, 192

Sweetspot

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



201, 171, 190



255, 245, 251



182, 171, 201



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



201, 171, 190



255, 209, 238



201, 171, 175



99, 90, 96



163, 0, 103



36, 0, 23

Inverse Universe

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



201, 171, 190



255, 209, 238



171, 187, 201



99, 90, 96



163, 0, 103



36, 0, 23

Previews

White Background



This preview shows how the RYB color 201, 171, 190 looks on a white background.

Color Contrast Check

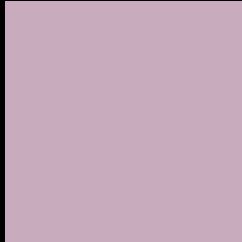
Large Text (above 18pt) WCAG AA × Fail

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, 171, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

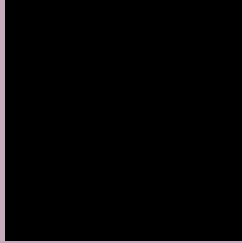
Any Text WCAG AA ✓ Pass

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, 171, 190 Background



This preview shows how black text looks on a background with the RYB color 201, 171, 190.



This preview shows how white text looks on a background with the RYB color 201, 171, 190.

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, 171, 190

Protanopia
178, 178, 194

Deuteranopia
192, 174, 189



Tritanopia
200, 172, 185

Trichromacy



Original Color

201, 171, 190

Protanomaly

186, 175, 193

Deuteranomaly

195, 173, 189

Tritanomaly

200, 172, 187

Monochromacy



Original Color

201, 171, 190

Achromatopsia

182, 182, 182

Achromatomaly

189, 178, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 171, 190 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, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 190)  
}
```

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, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 190) }
```

Border

The CSS property to change the border of an element to RYB 201, 171, 190 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, 171, 190) }
```

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

```
.border{ border-color:rgb(201, 171, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 201, 171, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 190) }
```

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

```
.background{ background-color: rgb(201,  
171, 190) }
```

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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