

Converting Colors

`RYB(203, 171, 186)`

Have a look what the booklet for RYB(203, 171, 186) contains.

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Color

R_YB(203, 171, 186)

Conversions

Conversions Part 1

Format	Color
Hex	CBABBA
RGB	203, 171, 186
RGB Percent	80%, 67%, 73%
CMY	0.2039, 0.3294, 0.2706
CMYK	0.00, 0.16, 0.08, 0.20
HSL	332°, 24%, 73%
HSV	332°, 16%, 80%
XYZ	48.0544, 45.3675, 52.6784
YIQ	182.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

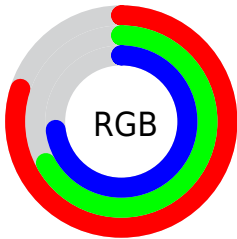
Format	Color
R _Y B	203, 171, 186
Decimal	13347770
CIE Lab	73.13, 14.13, -3.33
CIE LCh	73, 14.515, 346.738
Yxy	45.3675, 0.3289, 0.3105
Android (android.graphics.Color)	4291537850 (0xFFCBABBA)
YUV	182.2780, 1.8349, 18.1732
Hunter-Lab	67.3554, 9.4782, 0.7783

Details

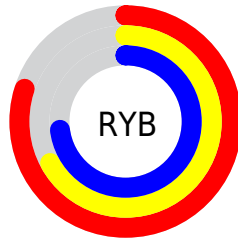
The RYB color **203, 171, 186** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 192, 203**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 226, 242**, and **149, 119, 133** is the 20% darker color. If you saturate the color by 10%, you get **203, 151, 175**, and if you desaturate by 10%, it is **203, 191, 197**.

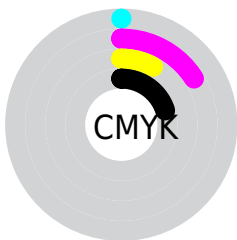
Distribution



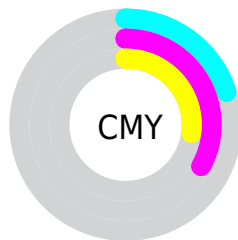
- Red (80%)
- Green (67%)
- Blue (73%)



- Red (80%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 171, 186 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, 171, 186 by changing the saturation by 10% instead.

■ 203, 171, 186

255, 255, 255

■ 255, 226, 242

■ 203, 171, 186

■ 175, 144, 159

■ 149, 119, 133

■ 123, 94, 108

■ 98, 70, 83

■ 73, 48, 60

■ 50, 26, 39

■ 31, 1, 18

■ 0, 0, 0

■ 203, 171, 186

■ 203, 171, 186

 203, 151, 175


 203, 191, 197

 203, 130, 164


 203, 209, 212

 203, 110, 154


 203, 222, 232

 203, 90, 143


 203, 235, 252

 203, 70, 132

 203, 233, 255

 203, 49, 121

 203, 230, 255

 203, 29, 111

 203, 229, 255

 203, 9, 100

 203, 0, 95

Harmonies

Analogous

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



191, 174, 198



203, 171, 186



208, 171, 172

Triad

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



203, 171, 186



155, 182, 154



147, 169, 198

Complementary

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



203, 171, 186



171, 192, 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.



146, 167, 187



203, 171, 186



161, 185, 179

Square

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



203, 171, 186



189, 196, 154



153, 174, 187



158, 174, 205

Rectangle

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



203, 171, 186



207, 174, 164



153, 174, 187



146, 168, 195

Sweetspot

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



203, 171, 186



255, 242, 248



188, 171, 203



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



203, 171, 186



255, 207, 229



203, 172, 171



102, 92, 97



166, 0, 78



38, 0, 18

Inverse Universe

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



203, 171, 186



255, 207, 229



171, 187, 203



102, 92, 97



166, 0, 78



38, 0, 18

Previews

White Background



This preview shows how the RYB color 203, 171, 186 looks on a white background.

Color Contrast Check

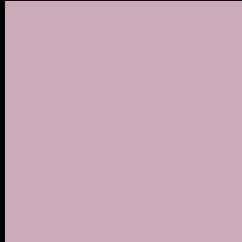
Large Text (above 18pt) WCAG AA × Fail

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, 171, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

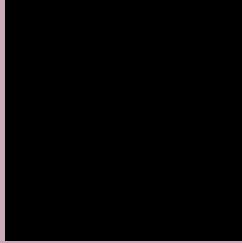
Any Text WCAG AA ✓ Pass

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, 171, 186 Background



This preview shows how black text looks on a background with the RYB color 203, 171, 186.



This preview shows how white text looks on a background with the RYB color 203, 171, 186.

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, 171, 186

Protanopia
180, 179, 191

Deuteranopia
195, 174, 185



Tritanopia
203, 171, 185

Trichromacy



Original Color

203, 171, 186

Protanomaly

188, 176, 189

Deuteranomaly

198, 173, 185

Tritanomaly

203, 171, 185

Monochromacy



Original Color

203, 171, 186

Achromatopsia

182, 182, 182

Achromatomaly

190, 178, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 171, 186 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, 171, 186) looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 186)  
}
```

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, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 186) }
```

Border

The CSS property to change the border of an element to RYB 203, 171, 186 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, 171, 186) }
```

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

```
.border{ border-color:rgb(203, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 203, 171, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 186) }
```

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

```
.background{ background-color: rgb(203,  
171, 186) }
```

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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