

Converting Colors

`RYB(207, 171, 188)`

Have a look what the booklet for RYB(207, 171, 188) contains.

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Color

R_YB(207, 171, 188)

Conversions

Conversions Part 1

Format	Color
Hex	CFABBC
RGB	207, 171, 188
RGB Percent	81%, 67%, 74%
CMY	0.1882, 0.3294, 0.2627
CMYK	0.00, 0.17, 0.09, 0.19
HSL	332°, 27%, 74%
HSV	332°, 17%, 81%
XYZ	49.3721, 46.0221, 53.8579
YIQ	183.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

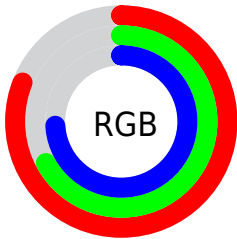
Format	Color
R_{YB}	207, 171, 188
Decimal	13609916
CIE _{Lab}	73.56, 15.90, -3.76
CIE _{LCh}	74, 16.335, 346.702
Yxy	46.0221, 0.3308, 0.3084
Android (android.graphics.Color)	4291799996 (0xFFCFABBC)
YUV	183.7020, 2.1189, 20.4323
Hunter-Lab	67.8396, 11.1891, 0.4173

Details

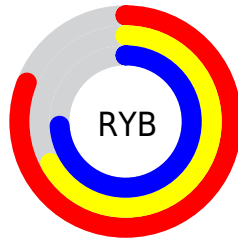
The RYB color **207, 171, 188** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 195, 207**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 226, 244**, and **152, 119, 135** is the 20% darker color. If you saturate the color by 10%, you get **207, 150, 177**, and if you desaturate by 10%, it is **207, 192, 199**.

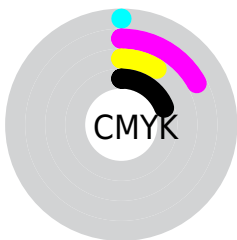
Distribution



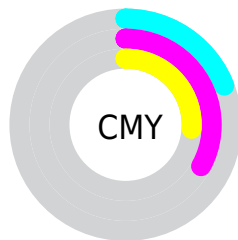
- Red (81%)
- Green (67%)
- Blue (74%)



- Red (81%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 171, 188 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, 171, 188 by changing the saturation by 10% instead.


 207, 171, 188

255, 255, 255


 255, 226, 244

 207, 171, 188


 179, 144, 161

 152, 119, 135

 126, 94, 110


 101, 70, 85


 77, 47, 62


 53, 26, 40

 33, 1, 20


 0, 0, 0

 207, 171, 188


 207, 171, 188

 207, 150, 177

 207, 192, 199

 207, 130, 166


 207, 210, 212

 207, 109, 155

 207, 224, 233

 207, 88, 144

 207, 238, 254

 207, 67, 133

 207, 234, 255

 207, 47, 122

 207, 231, 255

 207, 26, 112

 207, 231, 255

 207, 5, 101

 207, 0, 98

Harmonies

Analogous

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



194, 174, 201



207, 171, 188



212, 171, 173

Triad

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



207, 171, 188



154, 184, 152



144, 169, 202

Complementary

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



207, 171, 188



171, 195, 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.



142, 166, 189



207, 171, 188



160, 187, 181

Square

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



207, 171, 188



193, 199, 152



151, 175, 189



156, 174, 209

Rectangle

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



207, 171, 188



211, 174, 163



151, 175, 189



142, 168, 198

Sweetspot

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



207, 171, 188



255, 242, 248



190, 171, 207



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



207, 171, 188



255, 201, 227



207, 172, 171



105, 94, 99



168, 0, 79



41, 0, 19

Inverse Universe

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



207, 171, 188



255, 201, 227



171, 189, 207



105, 94, 99



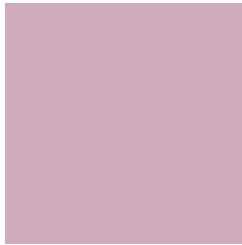
168, 0, 79



41, 0, 19

Previews

White Background



This preview shows how the RYB color 207, 171, 188 looks on a white background.

Color Contrast Check

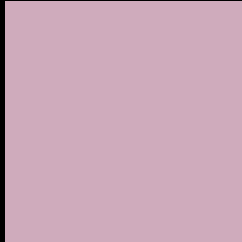
Large Text (above 18pt) WCAG AA × Fail

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, 171, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

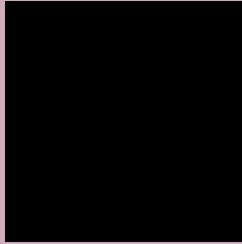
Any Text WCAG AA ✓ Pass

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](#).

RYP 207, 171, 188 Background



This preview shows how black text looks on a background with the RYP color 207, 171, 188.



This preview shows how white text looks on a background with the RYP color 207, 171, 188.

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, 171, 188

Protanopia
181, 180, 193

Deuteranopia
196, 175, 187



Tritanopia
207, 172, 185

Trichromacy



Original Color
207, 171, 188

Protanomaly
190, 177, 191

Deuteranomaly
200, 174, 187

Tritanomaly
207, 172, 186

Monochromacy



Original Color
207, 171, 188

Achromatopsia
184, 184, 184

Achromatomaly
192, 179, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 171, 188 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, 171, 188) looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 188)  
}
```

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, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 188) }
```

Border

The CSS property to change the border of an element to RYB 207, 171, 188 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, 171, 188) }
```

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

```
.border{ border-color:rgb(207, 171, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 188);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 207, 171, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 188) }
```

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

```
.background{ background-color: rgb(207,  
171, 188) }
```

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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