

Converting Colors

`RYB(211, 171, 177)`

Have a look what the booklet for
RYB(211, 171, 177) contains.

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Color

$\text{RYB}(211, 171, 177)$

Conversions

Conversions Part 1

Format	Color
Hex	D3ABB1
RGB	211, 171, 177
RGB Percent	83%, 67%, 69%
CMY	0.1725, 0.3294, 0.3059
CMYK	0.00, 0.19, 0.16, 0.17
HSL	351°, 31%, 75%
HSV	351°, 19%, 83%
XYZ	49.3627, 46.1490, 47.9009
YIQ	183.6440, 21.9140, 10.3460

Conversions

Conversions Part 2

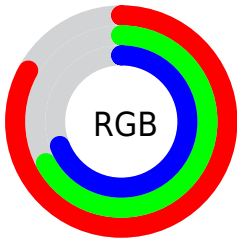
Format	Color
R _{YB}	211, 171, 177
Decimal	13872049
CIE Lab	73.64, 15.52, 2.45
CIE LCh	74, 15.708, 8.956
Yxy	46.1490, 0.3442, 0.3218
Android (android.graphics.Color)	4292062129 (0xFFD3ABB1)
YUV	183.6440, -3.2755, 23.9912
Hunter-Lab	67.9331, 10.8218, 5.7466

Details

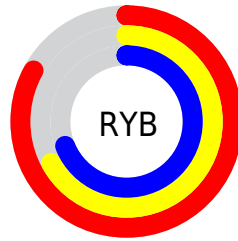
The RYB color **211, 171, 177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 193, 211**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 226, 233**, and **156, 119, 125** is the 20% darker color. If you saturate the color by 10%, you get **211, 150, 159**, and if you desaturate by 10%, it is **211, 192, 195**.

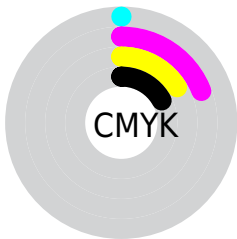
Distribution



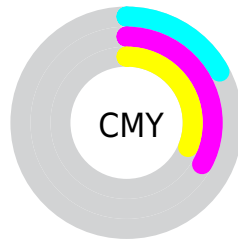
- Red (83%)
- Green (67%)
- Blue (69%)



- Red (83%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 171, 177 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 211, 171, 177 by changing the saturation by 10% instead.


 211, 171, 177

255, 255, 255

 255, 226, 233

 211, 171, 177

 183, 144, 150

 156, 119, 125

 130, 94, 100

 104, 70, 76

 79, 47, 53


 56, 26, 32


 35, 1, 8


 0, 0, 0


 211, 171, 177


 211, 171, 177

 211, 150, 159


 211, 192, 195

 211, 129, 141


 211, 212, 213

 211, 108, 123


 211, 223, 234


 211, 87, 105


 211, 235, 255


 211, 66, 87

 211, 233, 255

 211, 44, 69

 211, 23, 51

 211, 2, 34

 211, 0, 32

Harmonies

Analogous

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



204, 172, 192



211, 171, 177



210, 176, 163

Triad

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



211, 171, 177



158, 186, 172



154, 174, 207

Complementary

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



211, 171, 177



171, 193, 211

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.



144, 168, 198



211, 171, 177



156, 179, 189

Square

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



211, 171, 177



162, 188, 153



145, 168, 189



171, 179, 209

Rectangle

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



211, 171, 177



205, 186, 157



145, 168, 189



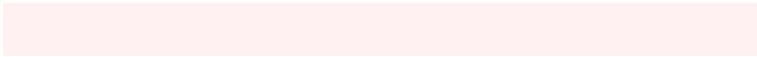
149, 171, 205

Sweetspot

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



211, 171, 177



255, 240, 242



205, 171, 211



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



211, 171, 177



255, 196, 205



211, 193, 171



105, 94, 96



168, 0, 25



41, 0, 6

Inverse Universe

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



211, 171, 177



255, 196, 205



171, 187, 211



105, 94, 96



168, 0, 25



41, 0, 6

Previews

White Background



This preview shows how the RYB color 211, 171, 177 looks on a white background.

Color Contrast Check

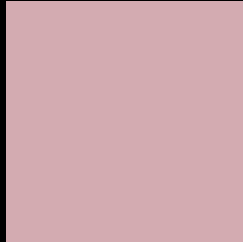
Large Text (above 18pt) WCAG AA × Fail

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 211, 171, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

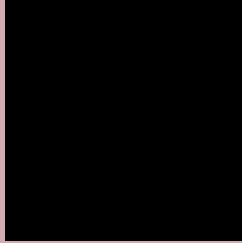
Any Text WCAG AA ✓ Pass

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 211, 171, 177 Background



This preview shows how black text looks on a background with the RYB color 211, 171, 177.



This preview shows how white text looks on a background with the RYB color 211, 171, 177.

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
211, 171, 177

Protanopia
184, 180, 182

Deuteranopia
200, 175, 176



Tritanopia
212, 170, 183

Trichromacy



Original Color

211, 171, 177

Protanomaly

194, 177, 180

Deuteranomaly

204, 174, 176

Tritanomaly

212, 170, 181

Monochromacy



Original Color

211, 171, 177

Achromatopsia

184, 184, 184

Achromatomaly

194, 179, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 171, 177 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(211, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 171, 177)  
}
```

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(211, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 171, 177) }
```

Border

The CSS property to change the border of an element to RYB 211, 171, 177 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(211, 171, 177) }
```

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

```
.border{ border-color:rgb(211, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 171,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 211, 171, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 171, 177) }
```

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

```
.background{ background-color: rgb(211,  
171, 177) }
```

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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