

Converting Colors

`RYB(217, 202, 206)`

Have a look what the booklet for
RYB(217, 202, 206) contains.

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Color

R_YB(217, 202, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D9CACE
RGB	217, 202, 206
RGB Percent	85%, 79%, 81%
CMY	0.1490, 0.2078, 0.1922
CMYK	0.00, 0.07, 0.05, 0.15
HSL	344°, 16%, 82%
HSV	344°, 7%, 85%
XYZ	60.8764, 61.4490, 67.0448
YIQ	206.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

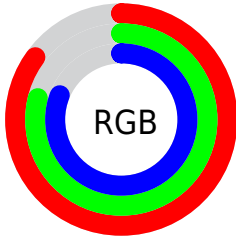
Format	Color
R _Y B	217, 202, 206
Decimal	14273230
CIE Lab	82.62, 5.91, -0.12
CIE LCh	83, 5.913, 358.874
Yxy	61.4490, 0.3215, 0.3245
Android (android.graphics.Color)	4292463310 (0xFFD9CACE)
YUV	206.9410, -0.4639, 8.8217
Hunter-Lab	78.3894, 1.4397, 4.1631

Details

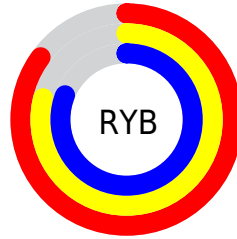
The RYB color **217, 202, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 211, 217**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 148, 152** is the 20% darker color. If you saturate the color by 10%, you get **217, 180, 190**, and if you desaturate by 10%, it is **217, 221, 224**.

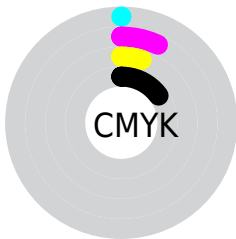
Distribution



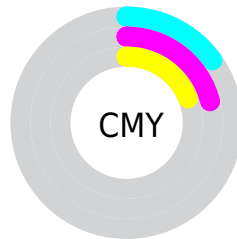
- Red (85%)
- Green (79%)
- Blue (81%)



- Red (85%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 202, 206 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 217, 202, 206 by changing the saturation by 10% instead.

■ 217, 202, 206

255, 255, 255

■ 217, 202, 206

■ 189, 175, 179

■ 162, 148, 152

■ 136, 122, 126

■ 110, 97, 101

■ 86, 74, 77

■ 63, 51, 54

■ 41, 30, 33

■ 21, 5, 10

■ 0, 0, 0

■ 217, 202, 206

■ 217, 202, 206

■ 217, 180, 190

■ 217, 221, 224

■ 217, 159, 174

■ 217, 233, 245

■ 217, 137, 158

■ 217, 236, 255

■ 217, 115, 142

■ 217, 236, 255

■ 217, 94, 126

■ 217, 72, 111

■ 217, 50, 95

■ 217, 28, 79

■ 217, 7, 63

Harmonies

Analogous

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



213, 203, 211



217, 202, 206



218, 202, 200

Triad

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



217, 202, 206



196, 207, 199



195, 203, 215

Complementary

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



217, 202, 206



202, 211, 217

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.



192, 201, 211



217, 202, 206



198, 206, 208

Square

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



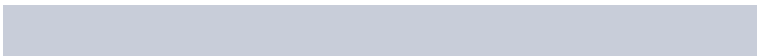
217, 202, 206



205, 211, 195



194, 203, 209



200, 204, 217

Rectangle

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



217, 202, 206



217, 206, 197



194, 203, 209



193, 202, 214

Sweetspot

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



217, 202, 206



255, 250, 251



213, 202, 217



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



217, 202, 206



255, 235, 240



217, 206, 202



110, 99, 102



173, 0, 46



46, 0, 12

Inverse Universe

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



217, 202, 206



255, 235, 240



202, 209, 217



110, 99, 102



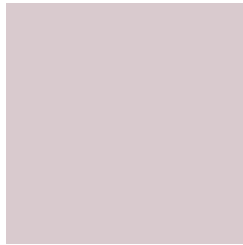
173, 0, 46



46, 0, 12

Previews

White Background



This preview shows how the RYB color 217, 202, 206 looks on a white background.

Color Contrast Check

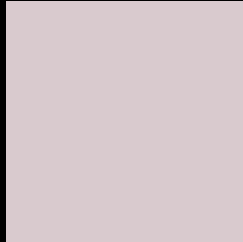
Large Text (above 18pt) WCAG AA × Fail

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 217, 202, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

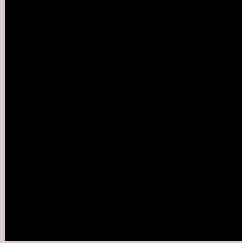
Any Text WCAG AA ✓ Pass

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 217, 202, 206 Background



This preview shows how black text looks on a background with the RYB color 217, 202, 206.




This preview shows how white text looks on a background with the RYB color 217, 202, 206.

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 217, 202, 206
	Protanopia 209, 205, 208
	Deuteranopia 225, 199, 207



Tritanopia
218, 200, 216

Trichromacy



Original Color

217, 202, 206

Protanomaly

212, 204, 207

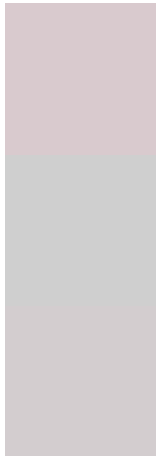
Deuteranomaly

222, 200, 207

Tritanomaly

218, 201, 212

Monochromacy



Original Color

217, 202, 206

Achromatopsia

207, 207, 207

Achromatomaly

211, 205, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 202, 206 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(217, 202, 206) looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 206)  
}
```

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(217, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 206) }
```

Border

The CSS property to change the border of an element to RYB 217, 202, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

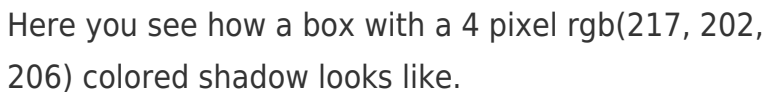
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 202, 206) }
```

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

```
.border{ border-color:rgb(217, 202, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 202, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 202, 206); box-shadow:4px 4px 4px 4px rgb(217, 202, 206) }
```

Background

The CSS property to change the background color of an element to RYB 217, 202, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 206) }
```

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

```
.background{ background-color: rgb(217,  
202, 206) }
```

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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