

Converting Colors

`RYB(217, 193, 217)`

Have a look what the booklet for
RYB(217, 193, 217) contains.

RYB(217, 193, 217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(217, 193, 217)$

Conversions

Conversions Part 1

Format	Color
Hex	D9C1D9
RGB	217, 193, 217
RGB Percent	85%, 76%, 85%
CMY	0.1490, 0.2431, 0.1490
CMYK	0.00, 0.11, 0.00, 0.15
HSL	300°, 24%, 80%
HSV	300°, 11%, 85%
XYZ	60.2096, 57.9014, 73.6483
YIQ	202.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

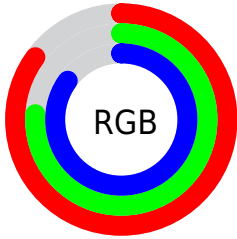
Format	Color
R _Y B	217, 193, 217
Decimal	14270937
CIE Lab	80.68, 12.68, -8.87
CIE LCh	81, 15.469, 325.030
Yxy	57.9014, 0.3140, 0.3019
Android (android.graphics.Color)	4292461017 (0xFFD9C1D9)
YUV	202.9120, 6.9454, 12.3552
Hunter-Lab	76.0930, 8.0779, -4.1201

Details

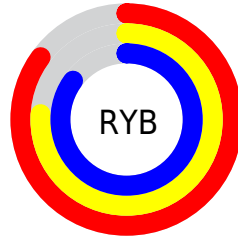
The RYB color **217, 193, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 217, 217**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 249, 255, and **162, 139, 162** is the 20% darker color. If you saturate the color by 10%, you get **217, 171, 217**, and if you desaturate by 10%, it is **217, 215, 217**.

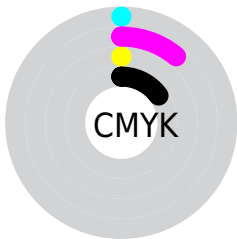
Distribution



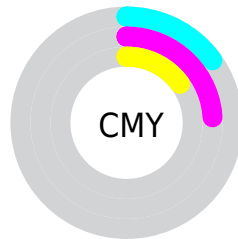
- Red (85%)
- Green (76%)
- Blue (85%)



- Red (85%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 217, 193, 217 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, 193, 217 by changing the saturation by 10% instead.

 217, 193, 217

255, 255, 255

 255, 249, 255

 217, 193, 217

 189, 166, 189

 162, 139, 162

 136, 114, 136

 110, 89, 111

 86, 66, 86

 62, 44, 63

 40, 23, 41

 21, 0, 21

 0, 0, 0

■ 217, 193, 217

■ 217, 193, 217

■ 217, 171, 217

■ 217, 215, 217

■ 217, 150, 217

■ 217, 236, 236

■ 217, 128, 217

■ 217, 255, 255

■ 217, 106, 217

■ 217, 85, 217

■ 217, 63, 217

■ 217, 41, 217

■ 217, 19, 217

■ 217, 0, 217

Harmonies

Analogous

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



200, 197, 226



217, 193, 217



228, 191, 203

Triad

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



217, 193, 217



198, 214, 172



163, 187, 212

Complementary

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



217, 193, 217



193, 217, 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.



169, 193, 209



217, 193, 217



174, 203, 178

Square

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



217, 193, 217



226, 203, 177



182, 206, 207



168, 190, 223

Rectangle

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



217, 193, 217



231, 190, 193



182, 206, 207



164, 187, 209

Sweetspot

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



217, 193, 217



255, 247, 255



193, 193, 217



128, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 193, 217



255, 222, 255



217, 193, 205



110, 99, 110



173, 0, 173



46, 0, 46

Inverse Universe

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



217, 193, 217



255, 222, 255



193, 209, 217



110, 99, 110



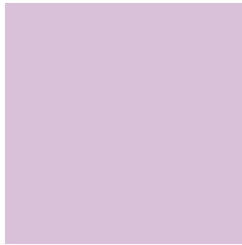
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RYB color 217, 193, 217 looks on a white background.

Color Contrast Check

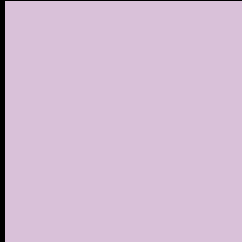
Large Text (above 18pt) WCAG AA × Fail

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, 193, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

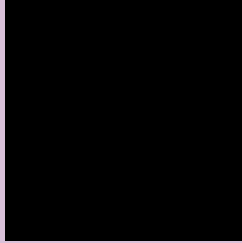
Any Text WCAG AA ✓ Pass

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, 193, 217 Background



This preview shows how black text looks on a background with the RYB color 217, 193, 217.







This preview shows how white text looks on a background with the RYB color 217, 193, 217.

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, 193, 217
	Protanopia 198, 199, 221
	Deuteranopia 212, 195, 217



Tritanopia
216, 194, 209

Trichromacy



Original Color
217, 193, 217

Protanomaly
205, 197, 220

Deuteranomaly
214, 194, 217

Tritanomaly
216, 194, 212

Monochromacy



Original Color
217, 193, 217

Achromatopsia
203, 203, 203

Achromatomaly
208, 199, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 193, 217 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, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 217)  
}
```

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, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 217) }
```

Border

The CSS property to change the border of an element to RYB 217, 193, 217 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, 193, 217) }
```

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

```
.border{ border-color:rgb(217, 193, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 193, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 217, 193, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 193, 217) }
```

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

```
.background{ background-color: rgb(217,  
193, 217) }
```

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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