

Converting Colors

`RYB(217, 147, 193)`

Have a look what the booklet for
RYB(217, 147, 193) contains.

RYB(217, 147, 193)	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

R_YB(217, 147, 193)

Conversions

Conversions Part 1

Format	Color
Hex	D993C1
RGB	217, 147, 193
RGB Percent	85%, 58%, 76%
CMY	0.1490, 0.4235, 0.2431
CMYK	0.00, 0.32, 0.11, 0.15
HSL	321°, 48%, 71%
HSV	321°, 32%, 85%
XYZ	48.6746, 39.4694, 55.5050
YIQ	173.1740, 26.9540, 29.1460

Conversions

Conversions Part 2

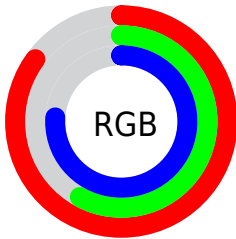
Format	Color
R _Y B	217, 147, 193
Decimal	14259137
CIE Lab	69.09, 33.26, -13.06
CIE LCh	69, 35.734, 338.563
Yxy	39.4694, 0.3388, 0.2748
Android (android.graphics.Color)	4292449217 (0xFFD993C1)
YUV	173.1740, 9.7742, 38.4354
Hunter-Lab	62.8247, 28.3531, -8.4049

Details

The RYB color **217, 147, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 199, 217**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 202, 249**, and **161, 95, 139** is the 20% darker color. If you saturate the color by 10%, you get **217, 125, 186**, and if you desaturate by 10%, it is **217, 169, 200**.

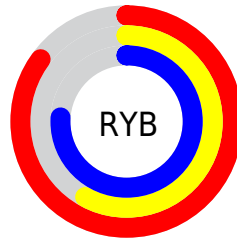
Distribution



Red (85%)

Green (58%)

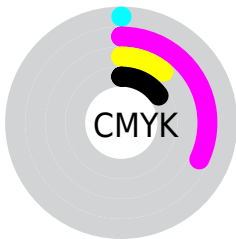
Blue (76%)



Red (85%)

Yellow (58%)

Blue (76%)

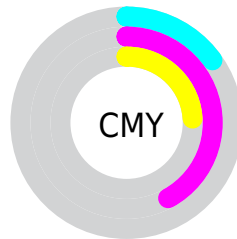


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 147, 193 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, 147, 193 by changing the saturation by 10% instead.

 217, 147, 193


255, 255, 255

 255, 202, 249

 255, 230, 255

 217, 147, 193

 189, 121, 166

 161, 95, 139

 134, 70, 114


 108, 46, 89


 82, 22, 66

 58, 0, 44

 38, 0, 24

 0, 0, 0

 217, 147, 193

 217, 147, 193

 217, 125, 186

 217, 169, 200

 217, 104, 178

 217, 190, 208

 217, 82, 171

 217, 212, 215

 217, 60, 163

 217, 230, 234

 217, 38, 156

 217, 245, 255

 217, 17, 148

 217, 241, 255

 217, 0, 143

 217, 239, 255

 217, 237, 255

 217, 236, 255

Harmonies

Analogous

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



185, 157, 219



217, 147, 193



232, 144, 160

Triad

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



217, 147, 193



117, 181, 104



43, 119, 208

Complementary

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



217, 147, 193



147, 199, 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.



64, 127, 186



217, 147, 193



117, 179, 150

Square

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



217, 147, 193



210, 208, 109



106, 158, 184



84, 141, 228

Rectangle

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



217, 147, 193



231, 147, 139



106, 158, 184



43, 117, 198

Sweetspot

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



217, 147, 193



255, 230, 246



170, 147, 217



128, 112, 122



0, 0, 0



128, 128, 128

Same Dimension

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



217, 147, 193



255, 156, 221



217, 147, 159



110, 99, 106



173, 0, 114



46, 0, 30

Inverse Universe

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



217, 147, 193



255, 156, 221



147, 185, 217



110, 99, 106



173, 0, 114



46, 0, 30

Previews

White Background



This preview shows how the RYB color 217, 147, 193 looks on a white background.

Color Contrast Check

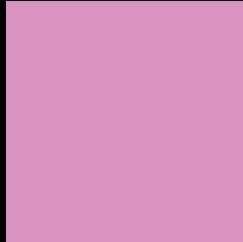
Large Text (above 18pt) WCAG AA × Fail

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, 147, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

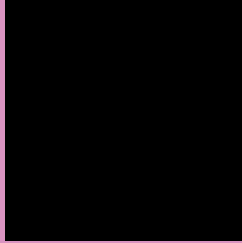
Any Text WCAG AA ✓ Pass

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, 147, 193 Background



This preview shows how black text looks on a background with the RYB color 217, 147, 193.



This preview shows how white text looks on a background with the RYB color 217, 147, 193.

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, 147, 193

Protanopia
160, 166, 207

Deuteranopia
176, 165, 190



Tritanopia
213, 152, 164

Trichromacy



Original Color

217, 147, 193



Protanomaly

181, 160, 202



Deuteranomaly

191, 158, 191



Tritanomaly

214, 150, 175

Monochromacy



Original Color

217, 147, 193



Achromatopsia

173, 173, 173



Achromatomaly

189, 164, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 147, 193 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, 147, 193) looks like.

```
.text, #text, p{  
    color:rgb(217, 147, 193)  
}
```

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, 147, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 147, 193) }
```

Border

The CSS property to change the border of an element to RYB 217, 147, 193 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, 147, 193) }
```

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

```
.border{ border-color:rgb(217, 147, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 147, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 147, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 147, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 147,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 217, 147, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 147, 193) }
```

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

```
.background{ background-color: rgb(217,  
147, 193) }
```

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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