

Converting Colors

`RYB(217, 142, 172)`

Have a look what the booklet for
RYB(217, 142, 172) contains.

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Color

R_YB(217, 142, 172)

Conversions

Conversions Part 1

Format	Color
Hex	D98EAC
RGB	217, 142, 172
RGB Percent	85%, 56%, 67%
CMY	0.1490, 0.4431, 0.3255
CMYK	0.00, 0.35, 0.21, 0.15
HSL	336°, 50%, 70%
HSV	336°, 35%, 85%
XYZ	45.7347, 37.0763, 43.7757
YIQ	167.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

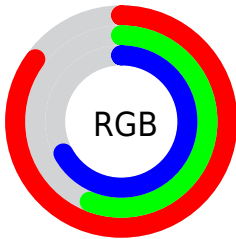
Format	Color
R_{YB}	217, 142, 172
Decimal	14257836
CIE Lab	67.33, 32.61, -3.93
CIE LCh	67, 32.844, 353.124
Yxy	37.0763, 0.3613, 0.2929
Android (android.graphics.Color)	4292447916 (0xFFD98EAC)
YUV	167.8450, 2.0484, 43.1089
Hunter-Lab	60.8903, 27.5133, -0.0020

Details

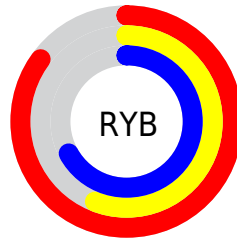
The RYB color **217, 142, 172** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **142, 189, 217**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 197, 227**, and **161, 90, 120** is the 20% darker color. If you saturate the color by 10%, you get **217, 120, 159**, and if you desaturate by 10%, it is **217, 164, 185**.

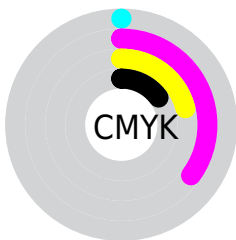
Distribution



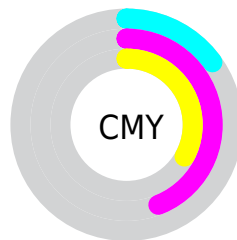
- Red (85%)
- Green (56%)
- Blue (67%)



- Red (85%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 142, 172 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, 142, 172 by changing the saturation by 10% instead.


 217, 142, 172

255, 255, 255


 255, 197, 227

 255, 225, 255

255, 254, 255


 217, 142, 172

 189, 116, 145

 161, 90, 120

 133, 66, 95

 107, 42, 71

 81, 17, 49

 56, 0, 28

 35, 0, 1

 0, 0, 0

 217, 142, 172

 217, 142, 172

■ 217, 120, 159

■ 217, 164, 185

■ 217, 99, 146

■ 217, 185, 198

■ 217, 77, 133

■ 217, 207, 211

■ 217, 55, 120

■ 217, 225, 229

■ 217, 34, 107

■ 217, 238, 251

■ 217, 12, 94

■ 217, 237, 255

■ 217, 0, 87

■ 217, 236, 255

Harmonies

Analogous

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



195, 148, 200



217, 142, 172



222, 143, 142

Triad

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



217, 142, 172



109, 169, 117



70, 130, 210

Complementary

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



217, 142, 172



142, 189, 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.



61, 122, 186



217, 142, 172



126, 174, 176

Square

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



217, 142, 172



151, 190, 105



90, 142, 180



112, 150, 222

Rectangle

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



217, 142, 172



217, 154, 125



90, 142, 180



61, 125, 203

Sweetspot

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



217, 142, 172



255, 230, 240



187, 142, 217



128, 112, 118



0, 0, 0



128, 128, 128

Same Dimension

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



217, 142, 172



255, 150, 192



217, 150, 142



110, 99, 103



173, 0, 69



46, 0, 18

Inverse Universe

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



217, 142, 172



255, 150, 192



142, 177, 217



110, 99, 103



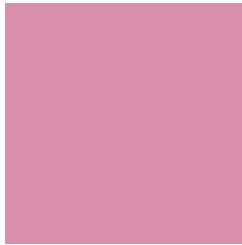
173, 0, 69



46, 0, 18

Previews

White Background



This preview shows how the RYB color 217, 142, 172 looks on a white background.

Color Contrast Check

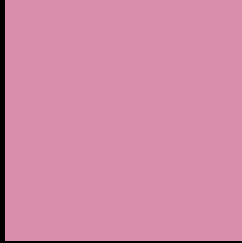
Large Text (above 18pt) WCAG AA × Fail

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, 142, 172 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, 142, 172 Background



This preview shows how black text looks on a background with the RYB color 217, 142, 172.



This preview shows how white text looks on a background with the RYB color 217, 142, 172.

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, 142, 172

Protanopia
161, 163, 185

Deuteranopia
178, 159, 169



Tritanopia
215, 145, 156

Trichromacy



Original Color

217, 142, 172

Protanomaly

181, 155, 180

Deuteranomaly

192, 153, 170

Tritanomaly

216, 144, 162

Monochromacy



Original Color

217, 142, 172

Achromatopsia

168, 168, 168

Achromatomaly

186, 159, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 142, 172 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, 142, 172) looks like.

```
.text, #text, p{  
    color:rgb(217, 142, 172)  
}
```

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, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 142, 172) }
```

Border

The CSS property to change the border of an element to RYB 217, 142, 172 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, 142, 172) }
```

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

```
.border{ border-color:rgb(217, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(217, 142,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 217, 142, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 142, 172) }
```

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

```
.background{ background-color: rgb(217,  
142, 172) }
```

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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