

Converting Colors

`RYB(217, 152, 171)`

Have a look what the booklet for RYB(217, 152, 171) contains.

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Color

$\text{RYB}(217, 152, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	D998AB
RGB	217, 152, 171
RGB Percent	85%, 60%, 67%
CMY	0.1490, 0.4039, 0.3294
CMYK	0.00, 0.30, 0.21, 0.15
HSL	342°, 46%, 72%
HSV	342°, 30%, 85%
XYZ	47.1942, 40.1485, 43.7901
YIQ	173.6010, 32.6410, 19.6890

Conversions

Conversions Part 2

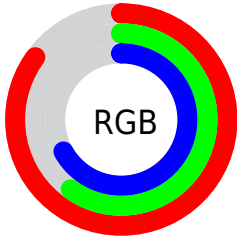
Format	Color
R _Y B	217, 152, 171
Decimal	14260395
CIE Lab	69.58, 27.07, -0.08
CIE LCh	70, 27.073, 359.821
Yxy	40.1485, 0.3599, 0.3062
Android (android.graphics.Color)	4292450475 (0xFFD998AB)
YUV	173.6010, -1.2823, 38.0609
Hunter-Lab	63.3628, 22.0663, 3.3786

Details

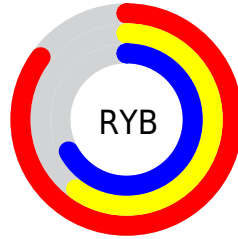
The RYB color **217, 152, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **152, 190, 217**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 207, 226**, and **161, 100, 119** is the 20% darker color. If you saturate the color by 10%, you get **217, 130, 156**, and if you desaturate by 10%, it is **217, 174, 186**.

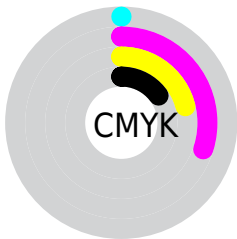
Distribution



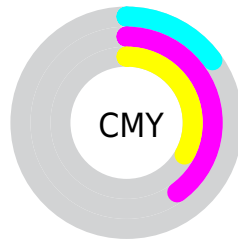
- Red (85%)
- Green (60%)
- Blue (67%)



- Red (85%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 217, 152, 171 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, 152, 171 by changing the saturation by 10% instead.


 217, 152, 171

 217, 152, 171

255, 255, 255

 189, 126, 145

 255, 207, 226

 161, 100, 119

 255, 235, 255

 134, 76, 94

 108, 52, 71


 82, 29, 48


 57, 5, 28

 39, 0, 1


 0, 0, 0

 217, 152, 171

 217, 152, 171

 217, 130, 156

 217, 174, 186

 217, 109, 140

 217, 195, 202

 217, 87, 125


 217, 217, 217

 217, 65, 110

 217, 230, 239

 217, 43, 94

 217, 238, 255

 217, 22, 79

 217, 236, 255

 217, 0, 64

 217, 0, 63

Harmonies

Analogous

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



201, 156, 195



217, 152, 171



219, 155, 147

Triad

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



217, 152, 171



127, 176, 141



108, 150, 212

Complementary

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



217, 152, 171



152, 190, 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.



95, 141, 193



217, 152, 171



133, 171, 181

Square

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



217, 152, 171



150, 188, 121



108, 150, 184



139, 162, 219

Rectangle

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



217, 152, 171



213, 169, 133



108, 150, 184



101, 147, 207

Sweetspot

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



217, 152, 171



255, 232, 239



198, 152, 217



128, 113, 118



0, 0, 0



128, 128, 128

Same Dimension

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



217, 152, 171



255, 163, 190



217, 168, 152



110, 99, 102



173, 0, 51



46, 0, 13

Inverse Universe

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



217, 152, 171



255, 163, 190



152, 181, 217



110, 99, 102



173, 0, 51



46, 0, 13

Previews

White Background



This preview shows how the RYB color 217, 152, 171 looks on a white background.

Color Contrast Check

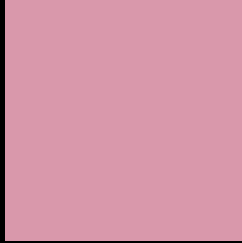
Large Text (above 18pt) WCAG AA × Fail

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, 152, 171 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, 152, 171 Background



This preview shows how black text looks on a background with the RYB color 217, 152, 171.

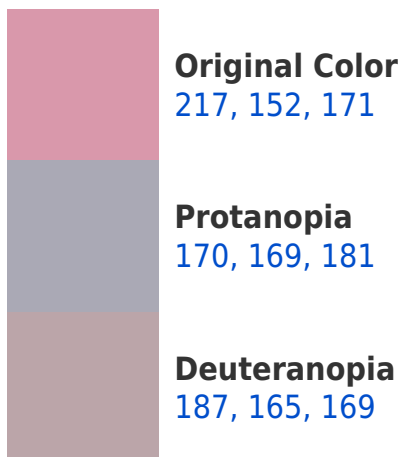


This preview shows how white text looks on a background with the RYB color 217, 152, 171.

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](#).

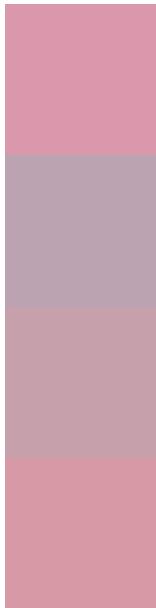
Dichromacy





Tritanopia
216, 153, 165

Trichromacy



Original Color
217, 152, 171

Protanomaly
187, 163, 177

Deuteranomaly
198, 160, 170

Tritanomaly
216, 153, 167

Monochromacy



Original Color
217, 152, 171

Achromatopsia
174, 174, 174

Achromatomaly
190, 166, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 152, 171 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, 152, 171) looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 171)  
}
```

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, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 171) }
```

Border

The CSS property to change the border of an element to RYB 217, 152, 171 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, 152, 171) }
```

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

```
.border{ border-color:rgb(217, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 217, 152, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 171) }
```

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

```
.background{ background-color: rgb(217,  
152, 171) }
```

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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