

Converting Colors

`RYB(222, 159, 183)`

Have a look what the booklet for
RYB(222, 159, 183) contains.

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Color

R_YB(222, 159, 183)

Conversions

Conversions Part 1

Format	Color
Hex	DE9FB7
RGB	222, 159, 183
RGB Percent	87%, 62%, 72%
CMY	0.1294, 0.3765, 0.2824
CMYK	0.00, 0.28, 0.18, 0.13
HSL	337°, 49%, 75%
HSV	337°, 28%, 87%
XYZ	51.0696, 43.7448, 50.5517
YIQ	180.5730, 29.8440, 20.8200

Conversions

Conversions Part 2

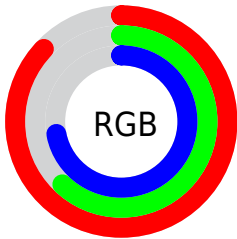
Format	Color
R _Y B	222, 159, 183
Decimal	14589879
CIE Lab	72.06, 26.93, -3.04
CIE LCh	72, 27.098, 353.554
Yxy	43.7448, 0.3513, 0.3009
Android (android.graphics.Color)	4292779959 (0xFFDE9FB7)
YUV	180.5730, 1.1965, 36.3315
Hunter-Lab	66.1398, 22.0833, 0.9816

Details

The RYB color **222, 159, 183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 198, 222**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 214, 239**, and **166, 107, 130** is the 20% darker color. If you saturate the color by 10%, you get **222, 137, 169**, and if you desaturate by 10%, it is **222, 181, 197**.

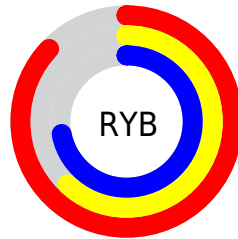
Distribution



Red (87%)

Green (62%)

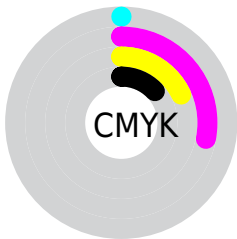
Blue (72%)



Red (87%)

Yellow (62%)

Blue (72%)

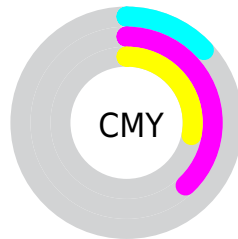


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 222, 159, 183 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 222, 159, 183 by changing the saturation by 10% instead.

 222, 159, 183

 222, 159, 183

255, 255, 255


 194, 133, 156

 255, 214, 239

 166, 107, 130


 255, 243, 255

 139, 82, 105

 113, 58, 81


 87, 35, 58

 62, 11, 36

 41, 0, 15

 0, 0, 0

 222, 159, 183

 222, 159, 183

■ 222, 137, 169

■ 222, 181, 197

■ 222, 115, 156

■ 222, 203, 210

■ 222, 92, 142

■ 222, 225, 226

■ 222, 70, 128

■ 222, 238, 248

■ 222, 48, 114

■ 222, 239, 255

■ 222, 26, 101

■ 222, 239, 255

■ 222, 4, 87

■ 222, 0, 85

Harmonies

Analogous

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



203, 164, 206



222, 159, 183



227, 160, 158

Triad

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



222, 159, 183



131, 181, 138



110, 155, 216

Complementary

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



222, 159, 183



159, 198, 222

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.



103, 148, 195



222, 159, 183



146, 186, 187

Square

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



222, 159, 183



171, 200, 128



119, 160, 190



138, 167, 225

Rectangle

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



222, 159, 183



223, 169, 144



119, 160, 190



105, 151, 210

Sweetspot

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



222, 159, 183



255, 232, 241



198, 159, 222



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



222, 159, 183



255, 168, 201



222, 167, 159



112, 101, 105



176, 0, 67



48, 0, 18

Inverse Universe

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



222, 159, 183



255, 168, 201



159, 189, 222



112, 101, 105



176, 0, 67



48, 0, 18

Previews

White Background



This preview shows how the RYB color 222, 159, 183 looks on a white background.

Color Contrast Check

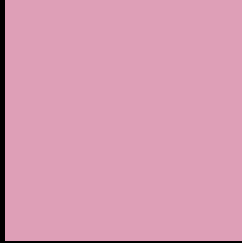
Large Text (above 18pt) WCAG AA × Fail

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 222, 159, 183 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 222, 159, 183 Background



This preview shows how black text looks on a background with the RYB color 222, 159, 183.

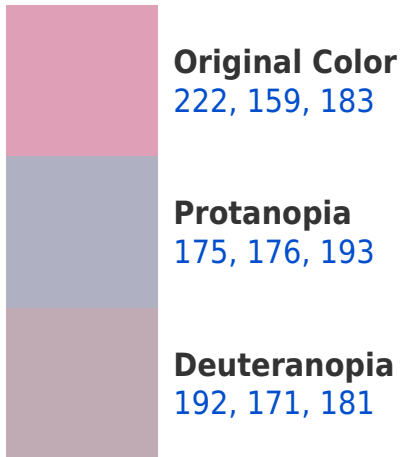



This preview shows how white text looks on a background with the RYB color 222, 159, 183.

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
221, 161, 173

Trichromacy



Original Color
222, 159, 183

Protanomaly
192, 170, 189

Deuteranomaly
203, 167, 182

Tritanomaly
221, 160, 177

Monochromacy



Original Color
222, 159, 183

Achromatopsia
181, 181, 181

Achromatomaly
196, 173, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 159, 183 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(222, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 159, 183)  
}
```

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(222, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 159, 183) }
```

Border

The CSS property to change the border of an element to RYB 222, 159, 183 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(222, 159, 183) }
```

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

```
.border{ border-color:rgb(222, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 159, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 159, 183);  
box-shadow:4px 4px 4px 4px rgb(222, 159,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 222, 159, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 159, 183) }
```

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

```
.background{ background-color: rgb(222,  
159, 183) }
```

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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