

Converting Colors

`RYB(252, 157, 182)`

Have a look what the booklet for RYB(252, 157, 182) contains.

RYB(252, 157, 182)	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(252, 157, 182)

Conversions

Conversions Part 1

Format	Color
Hex	FC9DB6
RGB	252, 157, 182
RGB Percent	99%, 62%, 71%
CMY	0.0118, 0.3843, 0.2863
CMYK	0.00, 0.38, 0.28, 0.01
HSL	344°, 94%, 80%
HSV	344°, 38%, 99%
XYZ	60.6454, 48.1868, 50.3606
YIQ	188.2550, 48.5950, 27.9150

Conversions

Conversions Part 2

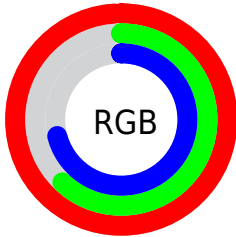
Format	Color
R _Y B	252, 157, 182
Decimal	16555446
CIE Lab	74.94, 38.46, 2.13
CIE LCh	75, 38.515, 3.166
Yxy	48.1868, 0.3810, 0.3027
Android (android.graphics.Color)	4294745526 (0xFFFC9DB6)
YUV	188.2550, -3.0837, 55.9044
Hunter-Lab	69.4167, 34.4659, 5.5778

Details

The RYB color **252, 157, 182** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **157, 212, 252**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 213, 238**, and **193, 104, 129** is the 20% darker color. If you saturate the color by 10%, you get **252, 132, 163**, and if you desaturate by 10%, it is **252, 182, 201**.

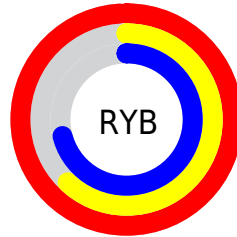
Distribution



Red (99%)

Green (62%)

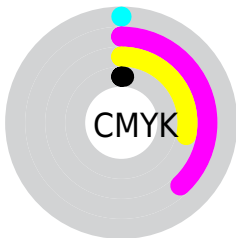
Blue (71%)



Red (99%)

Yellow (62%)

Blue (71%)

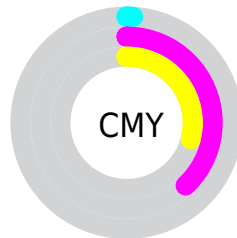


Cyan (0%)

Magenta (38%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 157, 182 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 252, 157, 182 by changing the saturation by 10% instead.


 252, 157, 182

255, 255, 255

 255, 213, 238

 255, 241, 255

 252, 157, 182

 222, 130, 155

 193, 104, 129

 165, 78, 104

 137, 53, 80

 110, 27, 57

 83, 0, 36

 58, 0, 14

 30, 0, 1

 0, 0, 0

■ 252, 157, 182

■ 252, 157, 182

■ 252, 132, 163

■ 252, 182, 201

■ 252, 107, 145

■ 252, 207, 219

■ 252, 81, 126

■ 252, 233, 238

■ 252, 56, 108

■ 252, 254, 255

■ 252, 31, 89

■ 252, 6, 71

■ 252, 0, 66

Harmonies

Analogous

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



232, 162, 217



252, 157, 182



252, 163, 147

Triad

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



252, 157, 182



124, 194, 151



80, 149, 247

Complementary

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



252, 157, 182



157, 212, 252

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.



44, 128, 222



252, 157, 182



124, 181, 201

Square

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



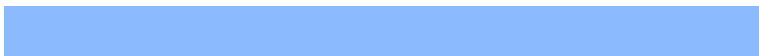
252, 157, 182



139, 204, 113



78, 146, 204



140, 173, 255

Rectangle

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



252, 157, 182



242, 186, 129



78, 146, 204



62, 139, 240

Sweetspot

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



252, 157, 182



255, 227, 234



227, 157, 252



128, 111, 115



0, 0, 0



128, 128, 128

Same Dimension

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



252, 157, 182



255, 140, 170



252, 186, 157



125, 112, 116



189, 0, 50



61, 0, 16

Inverse Universe

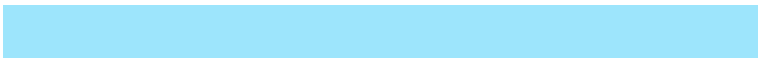
The Inverse Universe completely reimagines the original color for something new.



252, 157, 182



255, 140, 170



157, 198, 252



125, 112, 116



189, 0, 50



61, 0, 16

Previews

White Background



This preview shows how the RYB color 252, 157, 182 looks on a white background.

Color Contrast Check

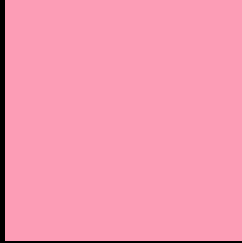
Large Text (above 18pt) WCAG AA × Fail

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 252, 157, 182 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 252, 157, 182 Background



This preview shows how black text looks on a background with the RYB color 252, 157, 182.

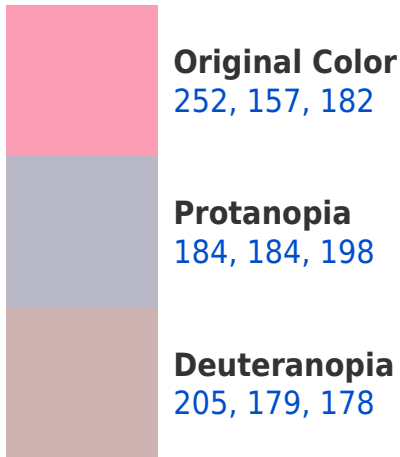



This preview shows how white text looks on a background with the RYB color 252, 157, 182.

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
251, 159, 171

Trichromacy



Original Color

252, 157, 182



Protanomaly

209, 174, 192



Deuteranomaly

222, 171, 179



Tritanomaly

251, 158, 175

Monochromacy



Original Color

252, 157, 182



Achromatopsia

188, 188, 188



Achromatomaly

211, 177, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 157, 182 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(252, 157, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 157, 182)  
}
```

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(252, 157, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 157, 182) }
```

Border

The CSS property to change the border of an element to RYB 252, 157, 182 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(252, 157, 182) }
```

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

```
.border{ border-color:rgb(252, 157, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 157, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 157, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 157, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 157,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 252, 157, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 157, 182) }
```

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

```
.background{ background-color: rgb(252,  
157, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor