

Converting Colors

`RYB(251, 162, 169)`

Have a look what the booklet for
RYB(251, 162, 169) contains.

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Color

`RYB(251, 162, 169)`

Conversions

Conversions Part 1

Format	Color
Hex	FBA2A9
RGB	251, 162, 169
RGB Percent	98%, 64%, 66%
CMY	0.0157, 0.3647, 0.3373
CMYK	0.00, 0.35, 0.33, 0.02
HSL	355°, 92%, 81%
HSV	355°, 35%, 98%
XYZ	59.8654, 49.2145, 43.8802
YIQ	189.4090, 50.7970, 21.0450

Conversions

Conversions Part 2

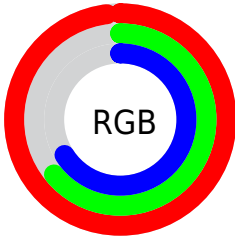
Format	Color
R _Y B	251, 162, 169
Decimal	16491177
CIE Lab	75.58, 33.84, 10.18
CIE LCh	76, 35.333, 16.737
Yxy	49.2145, 0.3914, 0.3217
Android (android.graphics.Color)	4294681257 (0xFFFBA2A9)
YUV	189.4090, -10.0616, 54.0153
Hunter-Lab	70.1530, 29.5561, 12.0216

Details

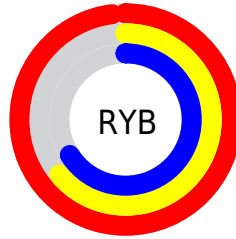
The RYB color **251, 162, 169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **162, 208, 251**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 218, 224**, and **192, 109, 117** is the 20% darker color. If you saturate the color by 10%, you get **251, 137, 146**, and if you desaturate by 10%, it is **251, 187, 192**.

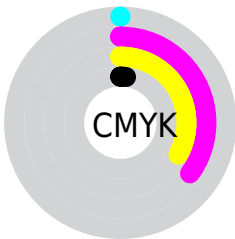
Distribution



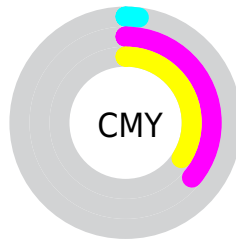
- Red (98%)
- Green (64%)
- Blue (66%)



- Red (98%)
- Yellow (64%)
- Blue (66%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (2%)




- Cyan (2%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 162, 169 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 251, 162, 169 by changing the saturation by 10% instead.


 251, 162, 169


255, 255, 255

 255, 218, 224

 255, 246, 253

 251, 162, 169

 221, 135, 143

 192, 109, 117

 164, 84, 92

 136, 59, 69

 109, 35, 47

 82, 7, 26

 57, 0, 0

 28, 0, 1

 0, 0, 0

■ 251, 162, 169

■ 251, 162, 169

■ 251, 137, 146

■ 251, 187, 192

■ 251, 112, 123

■ 251, 212, 215

■ 251, 87, 100

■ 251, 237, 238

■ 251, 62, 76

■ 251, 253, 255

■ 251, 36, 53

■ 251, 11, 30

■ 251, 0, 20

Harmonies

Analogous

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



241, 163, 202



251, 162, 169



243, 180, 140

Triad

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



251, 162, 169



141, 198, 186



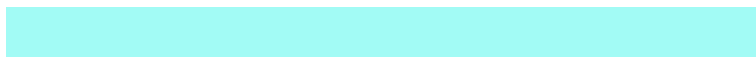
119, 167, 249

Complementary

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



251, 162, 169



162, 208, 251

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.



78, 147, 233



251, 162, 169



114, 169, 203

Square

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



251, 162, 169



123, 190, 123



80, 142, 204



170, 181, 248

Rectangle

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



251, 162, 169



230, 217, 127



80, 142, 204



103, 160, 245

Sweetspot

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



251, 162, 169



255, 227, 229



244, 162, 251



128, 111, 112



0, 0, 0



128, 128, 128

Same Dimension

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



251, 162, 169



255, 145, 154



251, 225, 162



125, 112, 113



189, 0, 15



61, 0, 5

Inverse Universe

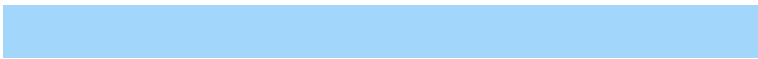
The Inverse Universe completely reimagines the original color for something new.



251, 162, 169



255, 145, 154



162, 195, 251



125, 112, 113



189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RYB color 251, 162, 169 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 251, 162, 169 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 251, 162, 169 Background



This preview shows how black text looks on a background with the RYB color 251, 162, 169.



This preview shows how white text looks on a background with the RYB color 251, 162, 169.

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
251, 162, 169

Protanopia
191, 189, 182

Deuteranopia
212, 186, 166



Tritanopia
251, 161, 173

Trichromacy



Original Color

251, 162, 169



Protanomaly

213, 177, 177



Deuteranomaly

226, 174, 167



Tritanomaly

251, 161, 172

Monochromacy



Original Color

251, 162, 169



Achromatopsia

189, 189, 189



Achromatomaly

212, 179, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 162, 169 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(251, 162, 169) looks like.

```
.text, #text, p{  
    color:rgb(251, 162, 169)  
}
```

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(251, 162, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 162, 169) }
```

Border

The CSS property to change the border of an element to RYB 251, 162, 169 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(251, 162, 169) }
```

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

```
.border{ border-color:rgb(251, 162, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 162, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 162, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 162, 169);  
box-shadow:4px 4px 4px 4px rgb(251, 162,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 251, 162, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 162, 169) }
```

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

```
.background{ background-color: rgb(251,  
162, 169) }
```

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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