

Converting Colors

`RYB(250, 158, 175)`

Have a look what the booklet for RYB(250, 158, 175) contains.

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Color

`RYB(250, 158, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	FA9EAF
RGB	250, 158, 175
RGB Percent	98%, 62%, 69%
CMY	0.0196, 0.3804, 0.3137
CMYK	0.00, 0.37, 0.30, 0.02
HSL	349°, 90%, 80%
HSV	349°, 37%, 98%
XYZ	59.3891, 47.8729, 46.6677
YIQ	187.4460, 49.3750, 24.7910

Conversions

Conversions Part 2

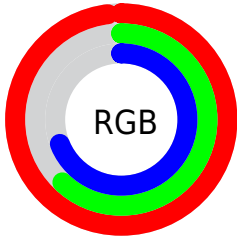
Format	Color
R_{YB}	250, 158, 175
Decimal	16424623
CIE _{Lab}	74.74, 36.32, 5.66
CIE _{LCh}	75, 36.755, 8.863
Yxy	47.8729, 0.3858, 0.3110
Android (android.graphics.Color)	4294614703 (0xFFFA9EAF)
YUV	187.4460, -6.1359, 54.8599
Hunter-Lab	69.1902, 32.1317, 8.4430

Details

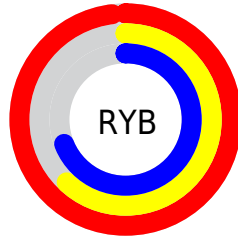
The RYB color **250, 158, 175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **158, 209, 250**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 214, 230**, and **191, 105, 123** is the 20% darker color. If you saturate the color by 10%, you get **250, 133, 155**, and if you desaturate by 10%, it is **250, 183, 195**.

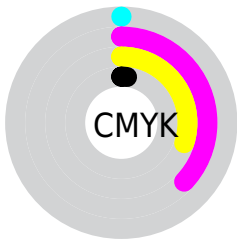
Distribution



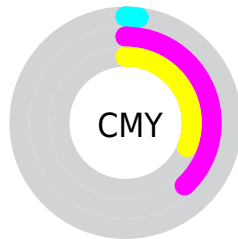
- Red (98%)
- Green (62%)
- Blue (69%)



- Red (98%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (2%)




- Cyan (2%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 158, 175 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 250, 158, 175 by changing the saturation by 10% instead.


 250, 158, 175


255, 255, 255

 255, 214, 230

 255, 242, 255

 250, 158, 175


 220, 131, 148

 191, 105, 123

 163, 80, 98

 135, 55, 74


 108, 30, 52

 81, 0, 31


 56, 0, 5


 27, 0, 1


 0, 0, 0

 250, 158, 175

 250, 158, 175

 250, 133, 155

 250, 183, 195

 250, 108, 134

 250, 208, 216

 250, 83, 114

 250, 233, 236

 250, 58, 93

 250, 253, 255

 250, 33, 73

 250, 8, 53

 250, 0, 46

Harmonies

Analogous

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



235, 161, 209



250, 158, 175



246, 168, 143

Triad

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



250, 158, 175



130, 194, 164



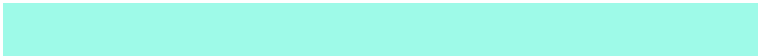
98, 156, 246

Complementary

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



250, 158, 175



158, 209, 250

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.



60, 136, 225



250, 158, 175



119, 174, 200

Square

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



250, 158, 175



130, 197, 116



78, 142, 202



153, 176, 250

Rectangle

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



250, 158, 175



235, 198, 127



78, 142, 202



82, 149, 241

Sweetspot

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



250, 158, 175



255, 227, 232



232, 158, 250



128, 111, 114



0, 0, 0



128, 128, 128

Same Dimension

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



250, 158, 175



255, 143, 164



250, 198, 158



125, 112, 115



189, 0, 35



61, 0, 11

Inverse Universe

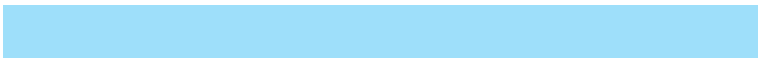
The Inverse Universe completely reimagines the original color for something new.



250, 158, 175



255, 143, 164



158, 196, 250



125, 112, 115



189, 0, 35



61, 0, 11

Previews

White Background



This preview shows how the RYB color 250, 158, 175 looks on a white background.

Color Contrast Check

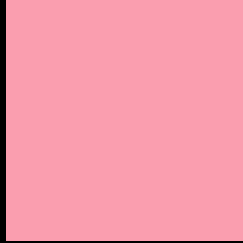
Large Text (above 18pt) WCAG AA × Fail

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 250, 158, 175 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 250, 158, 175 Background



This preview shows how black text looks on a background with the RYB color 250, 158, 175.



This preview shows how white text looks on a background with the RYB color 250, 158, 175.

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
250, 158, 175

Protanopia
186, 183, 189

Deuteranopia
207, 180, 171



Tritanopia
250, 159, 171

Trichromacy



Original Color

250, 158, 175



Protanomaly

209, 174, 184



Deuteranomaly

223, 171, 172



Tritanomaly

250, 159, 172

Monochromacy



Original Color

250, 158, 175



Achromatopsia

187, 187, 187



Achromatomaly

210, 176, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 158, 175 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(250, 158, 175) looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 175)  
}
```

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(250, 158, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 175) }
```

Border

The CSS property to change the border of an element to RYB 250, 158, 175 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(250, 158, 175) }
```

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

```
.border{ border-color:rgb(250, 158, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 158, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 158, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 158, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 158,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 250, 158, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 175) }
```

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

```
.background{ background-color: rgb(250,  
158, 175) }
```

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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