

Converting Colors

`RYB(250, 117, 125)`

Have a look what the booklet for
RYB(250, 117, 125) contains.

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Color

`RYB(250, 117, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	FA757D
RGB	250, 117, 125
RGB Percent	98%, 46%, 49%
CMY	0.0196, 0.5412, 0.5098
CMYK	0.00, 0.53, 0.50, 0.02
HSL	356°, 93%, 72%
HSV	356°, 53%, 98%
XYZ	49.4873, 34.5272, 23.4582
YIQ	157.6790, 76.7000, 30.6840

Conversions

Conversions Part 2

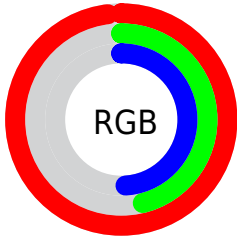
Format	Color
RYB	250, 117, 125
Decimal	16414077
CIELab	65.38, 51.47, 20.41
CIELCh	65, 55.371, 21.631
Yxy	34.5272, 0.4605, 0.3213
Android (android.graphics.Color)	4294604157 (0xFFFA757D)
YUV	157.6790, -16.1107, 80.9655
Hunter-Lab	58.7599, 47.5021, 17.4621

Details

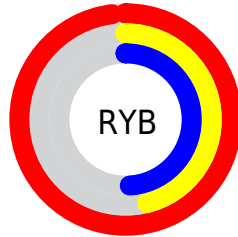
The RYB color **250, 117, 125** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **117, 186, 250**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 172, 178**, and **189, 62, 76** is the 20% darker color. If you saturate the color by 10%, you get **250, 92, 102**, and if you desaturate by 10%, it is **250, 142, 148**.

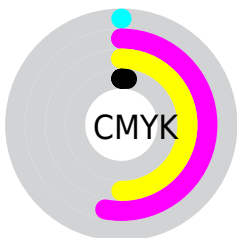
Distribution



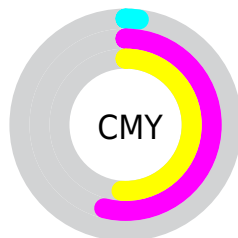
- Red (98%)
- Green (46%)
- Blue (49%)



- Red (98%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (50%)
- Black (2%)




- Cyan (2%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 117, 125 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, 117, 125 by changing the saturation by 10% instead.


 250, 117, 125

255, 255, 255

 255, 172, 178

 255, 201, 205

 255, 230, 233

 250, 117, 125

 219, 90, 100

 189, 62, 76

 159, 33, 54


 129, 0, 33


 100, 0, 11


 71, 0, 0


 44, 0, 1

 0, 0, 0


 250, 117, 125

 250, 117, 125


 250, 92, 102

 250, 142, 148

 250, 67, 78

 250, 167, 172

 250, 42, 55

 250, 192, 195

 250, 17, 31

 250, 217, 219

 250, 0, 15

 250, 242, 242

 250, 253, 255

Harmonies

Analogous

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



242, 116, 175



250, 117, 125



233, 157, 82

Triad

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



250, 117, 125



91, 174, 177



0, 101, 255

Complementary

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



250, 117, 125



117, 186, 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.



0, 102, 236



250, 117, 125



0, 102, 182

Square

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



250, 117, 125



60, 167, 76



0, 94, 194



137, 149, 251

Rectangle

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



250, 117, 125



180, 211, 62



0, 94, 194



0, 103, 252

Sweetspot

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



250, 117, 125



255, 214, 217



241, 117, 250



128, 103, 105



0, 0, 0



128, 128, 128

Same Dimension

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



250, 117, 125



255, 92, 102



250, 220, 117



125, 112, 113



189, 0, 11



61, 0, 4

Inverse Universe

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



250, 117, 125



255, 92, 102



117, 165, 250



125, 112, 113



189, 0, 11



61, 0, 4

Previews

White Background



This preview shows how the RYB color 250, 117, 125 looks on a white background.

Color Contrast Check

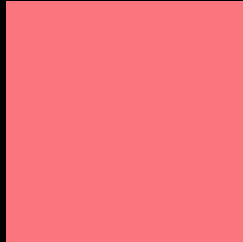
Large Text (above 18pt) WCAG AA × Fail

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, 117, 125 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, 117, 125 Background



This preview shows how black text looks on a background with the RYB color 250, 117, 125.



This preview shows how white text looks on a background with the RYB color 250, 117, 125.

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, 117, 125

Protanopia
154, 165, 145

Deuteranopia
188, 186, 119



Tritanopia
250, 117, 125

Trichromacy



Original Color

250, 117, 125



Protanomaly

196, 145, 138



Deuteranomaly

211, 145, 121



Tritanomaly

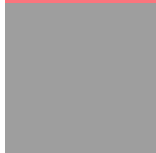
250, 117, 125

Monochromacy



Original Color

250, 117, 125



Achromatopsia

158, 158, 158



Achromatomaly

191, 143, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 117, 125 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, 117, 125) looks like.

```
.text, #text, p{  
    color:rgb(250, 117, 125)  
}
```

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, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 117, 125) }
```

Border

The CSS property to change the border of an element to RYB 250, 117, 125 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, 117, 125) }
```

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

```
.border{ border-color:rgb(250, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 117,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 250, 117, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 117, 125) }
```

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

```
.background{ background-color: rgb(250,  
117, 125) }
```

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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