

Converting Colors

`RYB(250, 120, 120)`

Have a look what the booklet for
RYB(250, 120, 120) contains.

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Color

`RYB(250, 120, 120)`

Conversions

Conversions Part 1

Format	Color
Hex	FA7878
RGB	250, 120, 120
RGB Percent	98%, 47%, 47%
CMY	0.0196, 0.5294, 0.5294
CMYK	0.00, 0.52, 0.52, 0.02
HSL	0°, 93%, 73%
HSV	0°, 52%, 98%
XYZ	49.5310, 35.1130, 21.9362
YIQ	158.8700, 77.4800, 27.5600

Conversions

Conversions Part 2

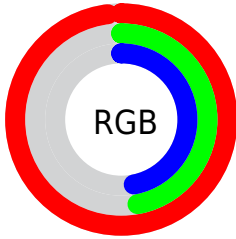
Format	Color
R_{YB}	250, 120, 120
Decimal	16414840
CIE _{Lab}	65.84, 49.62, 23.85
CIE _{LCh}	66, 55.053, 25.674
Yxy	35.1130, 0.4647, 0.3295
Android (android.graphics.Color)	4294604920 (0xFFFA7878)
YUV	158.8700, -19.1629, 79.9210
Hunter-Lab	59.2562, 45.5058, 19.5306

Details

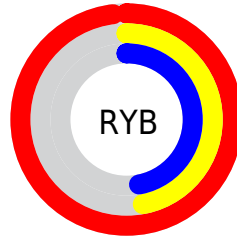
The RYB color **250, 120, 120** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **120, 185, 250**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 175, 172**, and **189, 66, 72** is the 20% darker color. If you saturate the color by 10%, you get **250, 95, 95**, and if you desaturate by 10%, it is **250, 145, 145**.

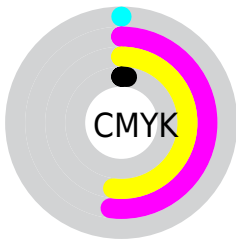
Distribution



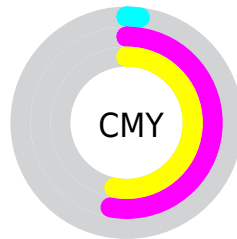
- Red (98%)
- Green (47%)
- Blue (47%)



- Red (98%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (2%)





- Cyan (2%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 120, 120 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, 120, 120 by changing the saturation by 10% instead.

 250, 120, 120

 250, 120, 120

255, 255, 255

 219, 93, 95

 255, 175, 172

 189, 66, 72

 255, 204, 200

 159, 38, 49

 255, 234, 228

 129, 0, 28


 100, 0, 4

 71, 0, 0

 44, 0, 1

 0, 0, 0


 250, 120, 120

 250, 120, 120


 250, 95, 95

 250, 145, 145

 250, 70, 70

 250, 170, 170

 250, 45, 45

 250, 195, 195

 250, 20, 20

 250, 220, 220

 250, 0, 0

 250, 245, 245

 250, 253, 255

Harmonies

Analogous

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



246, 117, 169



250, 120, 120



230, 171, 79

Triad

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



250, 120, 120



82, 162, 179



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, 120, 120



120, 185, 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, 103, 241



250, 120, 120



0, 101, 184

Square

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



250, 120, 120



65, 170, 90



0, 96, 201



150, 150, 249

Rectangle

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



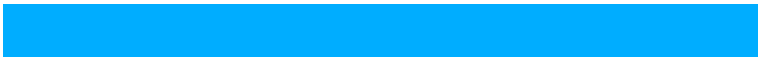
250, 120, 120



157, 207, 61



0, 96, 201



0, 103, 255

Sweetspot

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



250, 120, 120



255, 214, 214



250, 120, 250



128, 103, 103



0, 0, 0



128, 128, 128

Same Dimension

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



250, 120, 120



255, 97, 97



250, 250, 120



125, 112, 112



189, 0, 0



61, 0, 0

Inverse Universe

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



120, 185, 250



97, 176, 255



120, 163, 250



112, 119, 125



0, 95, 189



0, 31, 61

Previews

White Background



This preview shows how the RYB color 250, 120, 120 looks on a white background.

Color Contrast Check

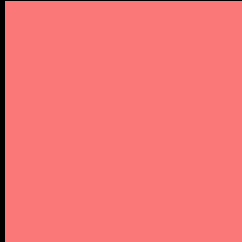
Large Text (above 18pt) WCAG AA × Fail

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, 120, 120 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, 120, 120 Background



This preview shows how black text looks on a background with the RYB color 250, 120, 120.

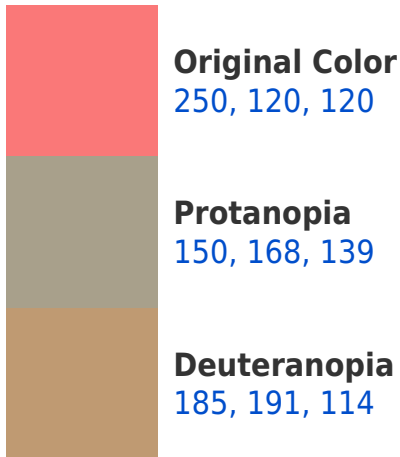


This preview shows how white text looks on a background with the RYB color 250, 120, 120.

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
250, 119, 127

Trichromacy



Original Color

250, 120, 120



Protanomaly

198, 148, 132



Deuteranomaly

212, 152, 116



Tritanomaly

250, 119, 124

Monochromacy



Original Color

250, 120, 120



Achromatopsia

159, 159, 159



Achromatomaly

192, 145, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 120, 120 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, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(250, 120, 120)  
}
```

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, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 120, 120) }
```

Border

The CSS property to change the border of an element to RYB 250, 120, 120 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, 120, 120) }
```

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

```
.border{ border-color:rgb(250, 120, 120) }
```

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

Here you see how a box with a 4 pixel rgb(250, 120, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(250, 120,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 250, 120, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 120, 120) }
```

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

```
.background{ background-color: rgb(250,  
120, 120) }
```

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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