

Converting Colors

`RYB(245, 120, 137)`

Have a look what the booklet for RYB(245, 120, 137) contains.

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Color

`RYB(245, 120, 137)`

Conversions

Conversions Part 1

Format	Color
Hex	F57889
RGB	245, 120, 137
RGB Percent	96%, 47%, 54%
CMY	0.0392, 0.5294, 0.4627
CMYK	0.00, 0.51, 0.44, 0.04
HSL	352°, 86%, 72%
HSV	352°, 51%, 96%
XYZ	48.8880, 34.6516, 27.7786
YIQ	159.3130, 69.0430, 31.7870

Conversions

Conversions Part 2

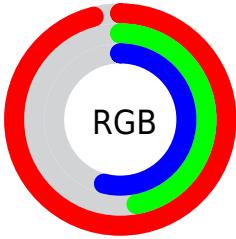
Format	Color
R_{YB}	245, 120, 137
Decimal	16087177
CIE _{Lab}	65.48, 49.42, 13.63
CIE _{LCh}	65, 51.266, 15.418
Yxy	34.6516, 0.4392, 0.3113
Android (android.graphics.Color)	4294277257 (0xFFFF57889)
YUV	159.3130, -11.0003, 75.1475
Hunter-Lab	58.8656, 45.2300, 13.2270

Details

The RYB color **245, 120, 137** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **120, 187, 245**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 175, 190**, and **185, 66, 87** is the 20% darker color. If you saturate the color by 10%, you get **245, 96, 116**, and if you desaturate by 10%, it is **245, 145, 158**.

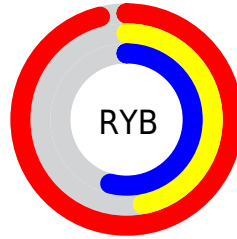
Distribution



Red (96%)

Green (47%)

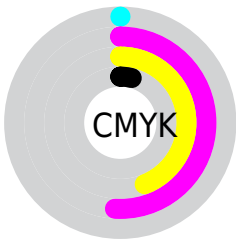
Blue (54%)



Red (96%)

Yellow (47%)

Blue (54%)

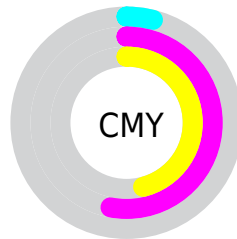


Cyan (0%)

Magenta (51%)

Yellow (44%)

Black (4%)



Cyan (4%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 120, 137 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 245, 120, 137 by changing the saturation by 10% instead.

 245, 120, 137

 245, 120, 137

255, 255, 255

 215, 93, 112

 255, 175, 190

 185, 66, 87

 255, 204, 218

 155, 38, 64

 255, 232, 246

 126, 0, 42


 98, 0, 22

 70, 0, 0

 43, 0, 1

 0, 0, 0

 245, 120, 137

 245, 120, 137

■ 245, 96, 116

■ 245, 145, 158

■ 245, 71, 95

■ 245, 169, 179

■ 245, 47, 73

■ 245, 194, 201

■ 245, 22, 52

■ 245, 218, 222

■ 245, 0, 33

■ 245, 243, 243

■ 245, 250, 255

Harmonies

Analogous

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



232, 122, 183



245, 120, 137



234, 144, 95

Triad

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



245, 120, 137



92, 175, 156



0, 101, 247

Complementary

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



245, 120, 137



120, 187, 245

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, 99, 223



245, 120, 137



8, 108, 181

Square

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



245, 120, 137



66, 164, 67



0, 91, 182



123, 149, 248

Rectangle

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



245, 120, 137



216, 206, 75



0, 91, 182



0, 101, 242

Sweetspot

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



245, 120, 137



255, 217, 222



226, 120, 245



128, 105, 108



0, 0, 0



128, 128, 128

Same Dimension

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



245, 120, 137



255, 99, 121



245, 188, 120



122, 110, 112



186, 0, 25



59, 0, 8

Inverse Universe

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



245, 120, 137



255, 99, 121



120, 169, 245



122, 110, 112



186, 0, 25



59, 0, 8

Previews

White Background



This preview shows how the RYB color 245, 120, 137 looks on a white background.

Color Contrast Check

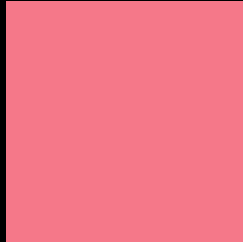
Large Text (above 18pt) WCAG AA × Fail

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 245, 120, 137 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 245, 120, 137 Background



This preview shows how black text looks on a background with the RYB color 245, 120, 137.

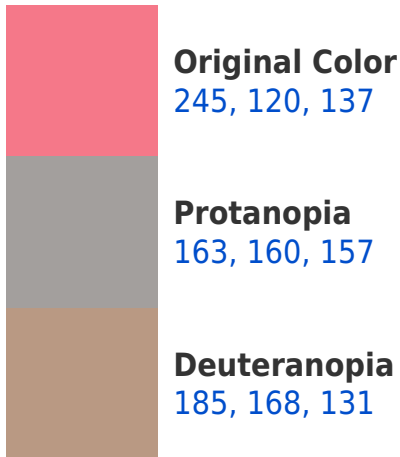


This preview shows how white text looks on a background with the RYB color 245, 120, 137.

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
244, 121, 130

Trichromacy



Original Color

245, 120, 137



Protanomaly

193, 145, 150



Deuteranomaly

207, 142, 133



Tritanomaly

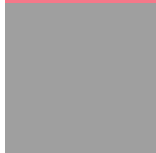
244, 121, 133

Monochromacy



Original Color

245, 120, 137



Achromatopsia

159, 159, 159



Achromatomaly

190, 145, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 120, 137 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(245, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(245, 120, 137)  
}
```

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(245, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 120, 137) }
```

Border

The CSS property to change the border of an element to RYB 245, 120, 137 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(245, 120, 137) }
```

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

```
.border{ border-color:rgb(245, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(245, 120,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 245, 120, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 120, 137) }
```

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

```
.background{ background-color: rgb(245,  
120, 137) }
```

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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