

Converting Colors

`RYB(244, 137, 155)`

Have a look what the booklet for
RYB(244, 137, 155) contains.

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Color

R_YB(244, 137, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F4899B
RGB	244, 137, 155
RGB Percent	96%, 54%, 61%
CMY	0.0431, 0.4627, 0.3922
CMYK	0.00, 0.44, 0.36, 0.04
HSL	350°, 83%, 75%
HSV	350°, 44%, 96%
XYZ	52.1703, 39.4910, 35.8832
YIQ	171.0450, 57.9940, 28.2820

Conversions

Conversions Part 2

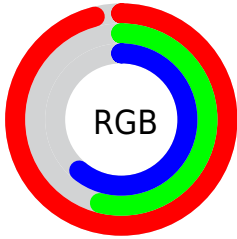
Format	Color
R_{YB}	244, 137, 155
Decimal	16026011
CIE _{Lab}	69.11, 42.55, 8.59
CIE _{LCh}	69, 43.409, 11.409
Yxy	39.4910, 0.4090, 0.3096
Android (android.graphics.Color)	4294216091 (0xFFFF4899B)
YUV	171.0450, -7.9102, 63.9815
Hunter-Lab	62.8418, 38.2146, 10.1342

Details

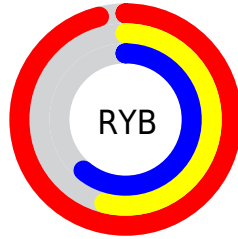
The RYB color **244, 137, 155** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **137, 195, 244**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 192, 209**, and **185, 84, 104** is the 20% darker color. If you saturate the color by 10%, you get **244, 113, 135**, and if you desaturate by 10%, it is **244, 161, 175**.

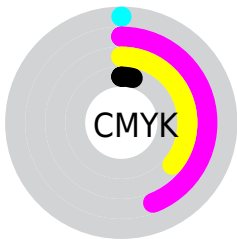
Distribution



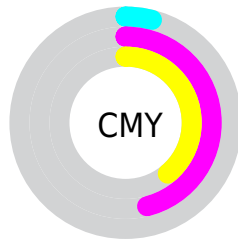
- Red (96%)
- Green (54%)
- Blue (61%)



- Red (96%)
- Yellow (54%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (4%)




- Cyan (4%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 244, 137, 155 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 244, 137, 155 by changing the saturation by 10% instead.

 244, 137, 155

 244, 137, 155

255, 255, 255

 214, 110, 129

 255, 192, 209

 185, 84, 104

 255, 221, 238

 156, 58, 80

 255, 250, 255


 128, 32, 57


 100, 0, 36

 73, 0, 15

 49, 0, 2

 0, 0, 0

 244, 137, 155

 244, 137, 155

■ 244, 113, 135

■ 244, 161, 175

■ 244, 88, 114

■ 244, 186, 196

■ 244, 64, 94

■ 244, 210, 216

■ 244, 39, 74

■ 244, 235, 236

■ 244, 15, 54

■ 244, 250, 255

■ 244, 0, 41

Harmonies

Analogous

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



229, 140, 195



244, 137, 155



238, 151, 119

Triad

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



244, 137, 155



108, 181, 153



45, 125, 243

Complementary

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



244, 137, 155



137, 195, 244

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, 101, 220



244, 137, 155



82, 149, 187

Square

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



244, 137, 155



99, 179, 90



0, 96, 189



134, 160, 246

Rectangle

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



244, 137, 155



223, 193, 100



0, 96, 189



0, 103, 237

Sweetspot

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



244, 137, 155



255, 222, 227



224, 137, 244



128, 107, 111



0, 0, 0



128, 128, 128

Same Dimension

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



244, 137, 155



255, 120, 143



244, 187, 137



122, 110, 112



186, 0, 31



59, 0, 10

Inverse Universe

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



244, 137, 155



255, 120, 143



137, 180, 244



122, 110, 112



186, 0, 31



59, 0, 10

Previews

White Background



This preview shows how the RYB color 244, 137, 155 looks on a white background.

Color Contrast Check

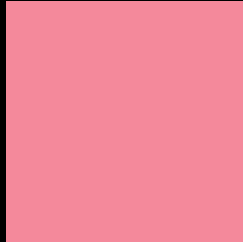
Large Text (above 18pt) WCAG AA × Fail

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 244, 137, 155 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](#).

RGB 244, 137, 155 Background



This preview shows how black text looks on a background with the RGB color 244, 137, 155.

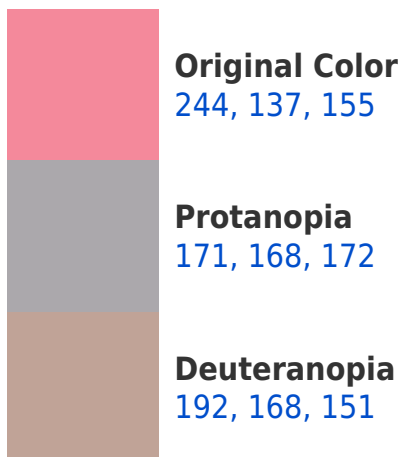



This preview shows how white text looks on a background with the RGB color 244, 137, 155.

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
243, 138, 148

Trichromacy



Original Color

244, 137, 155



Protanomaly

198, 157, 166



Deuteranomaly

211, 154, 152



Tritanomaly

243, 138, 151

Monochromacy



Original Color

244, 137, 155



Achromatopsia

171, 171, 171



Achromatomaly

198, 159, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 137, 155 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(244, 137, 155) looks like.

```
.text, #text, p{  
    color:rgb(244, 137, 155)  
}
```

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(244, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 137, 155) }
```

Border

The CSS property to change the border of an element to RYB 244, 137, 155 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(244, 137, 155) }
```

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

```
.border{ border-color:rgb(244, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(244, 137,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 244, 137, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 137, 155) }
```

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

```
.background{ background-color: rgb(244,  
137, 155) }
```

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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