

Converting Colors

`RYB(244, 153, 157)`

Have a look what the booklet for RYB(244, 153, 157) contains.

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Color

R_YB(244, 153, 157)

Conversions

Conversions Part 1

Format	Color
Hex	F4999D
RGB	244, 153, 157
RGB Percent	96%, 60%, 62%
CMY	0.0431, 0.4000, 0.3843
CMYK	0.00, 0.37, 0.36, 0.04
HSL	357°, 81%, 78%
HSV	357°, 37%, 96%
XYZ	54.7853, 44.4499, 37.5905
YIQ	180.6650, 52.9520, 20.5360

Conversions

Conversions Part 2

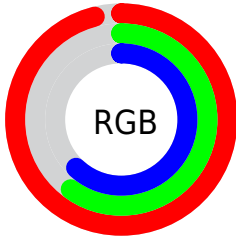
Format	Color
RYB	244, 153, 157
Decimal	16030109
CIELab	72.53, 34.53, 12.33
CIElCh	73, 36.662, 19.654
Yxy	44.4499, 0.4004, 0.3249
Android (android.graphics.Color)	4294220189 (0xFFFF4999D)
YUV	180.6650, -11.6668, 55.5448
Hunter-Lab	66.6707, 30.0048, 13.2405

Details

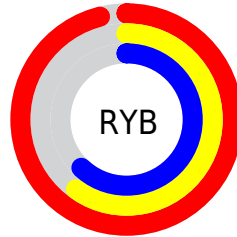
The RYB color **244, 153, 157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **153, 200, 244**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 208, 211**, and **185, 101, 106** is the 20% darker color. If you saturate the color by 10%, you get **244, 129, 134**, and if you desaturate by 10%, it is **244, 177, 180**.

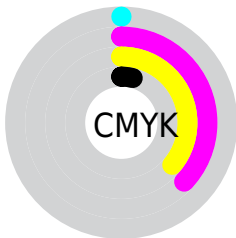
Distribution



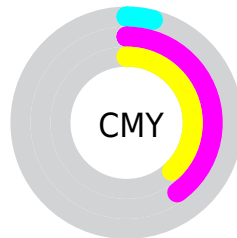
- Red (96%)
- Green (60%)
- Blue (62%)



- Red (96%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 244, 153, 157 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, 153, 157 by changing the saturation by 10% instead.

 244, 153, 157

 244, 153, 157

255, 255, 255

 214, 126, 131

 255, 208, 211

 185, 101, 106

 255, 237, 240

 157, 75, 82

 129, 51, 59

 102, 26, 37

 75, 0, 17

 51, 0, 0

 6, 0, 0

 0, 0, 0

■ 244, 153, 157

■ 244, 153, 157

■ 244, 129, 134

■ 244, 177, 180

■ 244, 104, 110

■ 244, 202, 204

■ 244, 80, 87

■ 244, 226, 227

■ 244, 55, 64

■ 244, 248, 251

■ 244, 31, 40

■ 244, 250, 255

■ 244, 7, 17

■ 244, 0, 11

Harmonies

Analogous

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



236, 153, 191



244, 153, 157



234, 176, 128

Triad

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



244, 153, 157



133, 191, 184



111, 158, 243

Complementary

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



244, 153, 157



153, 200, 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.



61, 134, 228



244, 153, 157



98, 155, 195

Square

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



244, 153, 157



114, 183, 119



58, 128, 199



165, 172, 241

Rectangle

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



244, 153, 157



220, 220, 116



58, 128, 199



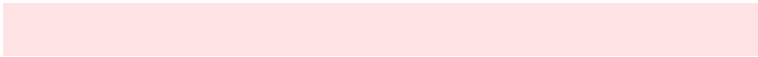
93, 151, 240

Sweetspot

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



244, 153, 157



255, 227, 228



239, 153, 244



128, 111, 112



0, 0, 0



128, 128, 128

Same Dimension

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



244, 153, 157



255, 140, 145



244, 228, 153



122, 110, 111



186, 0, 8



59, 0, 3

Inverse Universe

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



244, 153, 157



255, 140, 145



153, 185, 244



122, 110, 111



186, 0, 8



59, 0, 3

Previews

White Background



This preview shows how the RYB color 244, 153, 157 looks on a white background.

Color Contrast Check

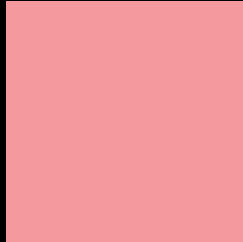
Large Text (above 18pt) WCAG AA × Fail

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, 153, 157 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 244, 153, 157 Background



This preview shows how black text looks on a background with the RYB color 244, 153, 157.



This preview shows how white text looks on a background with the RYB color 244, 153, 157.

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
244, 153, 157

Protanopia
178, 183, 170

Deuteranopia
204, 182, 154



Tritanopia
245, 152, 163

Trichromacy



Original Color

244, 153, 157



Protanomaly

205, 169, 165



Deuteranomaly

219, 167, 155



Tritanomaly

245, 152, 161

Monochromacy



Original Color

244, 153, 157



Achromatopsia

181, 181, 181



Achromatomaly

204, 171, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 153, 157 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, 153, 157) looks like.

```
.text, #text, p{  
    color:rgb(244, 153, 157)  
}
```

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, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 153, 157) }
```

Border

The CSS property to change the border of an element to RYB 244, 153, 157 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, 153, 157) }
```

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

```
.border{ border-color:rgb(244, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(244, 153,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 244, 153, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 153, 157) }
```

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

```
.background{ background-color: rgb(244,  
153, 157) }
```

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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