

Converting Colors

`RYB(244, 149, 161)`

Have a look what the booklet for
RYB(244, 149, 161) contains.

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Color

R_YB(244, 149, 161)

Conversions

Conversions Part 1

Format	Color
Hex	F495A1
RGB	244, 149, 161
RGB Percent	96%, 58%, 63%
CMY	0.0431, 0.4157, 0.3686
CMYK	0.00, 0.39, 0.34, 0.04
HSL	352°, 81%, 77%
HSV	352°, 39%, 96%
XYZ	54.4887, 43.3012, 39.2043
YIQ	178.7730, 52.7680, 23.8720

Conversions

Conversions Part 2

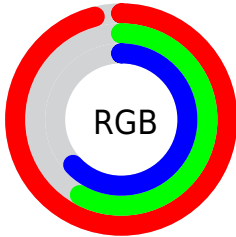
Format	Color
R_YB	244, 149, 161
Decimal	16029089
CIE Lab	71.76, 37.09, 9.02
CIE LCh	72, 38.172, 13.676
Yxy	43.3012, 0.3977, 0.3161
Android (android.graphics.Color)	4294219169 (0xFFFF495A1)
YUV	178.7730, -8.7621, 57.2041
Hunter-Lab	65.8036, 32.6505, 10.7389

Details

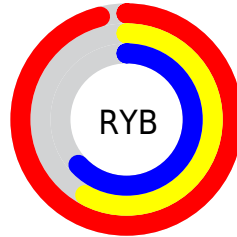
The RYB color **244, 149, 161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **149, 200, 244**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 204, 216**, and **185, 96, 110** is the 20% darker color. If you saturate the color by 10%, you get **244, 125, 140**, and if you desaturate by 10%, it is **244, 173, 182**.

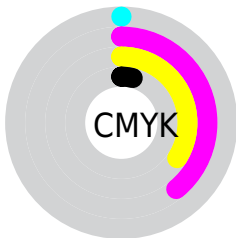
Distribution



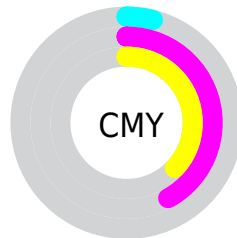
- Red (96%)
- Green (58%)
- Blue (63%)



- Red (96%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 149, 161 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, 149, 161 by changing the saturation by 10% instead.


 244, 149, 161

255, 255, 255

 255, 204, 216

 255, 233, 244

 244, 149, 161

 214, 122, 135

 185, 96, 110

 157, 71, 85

 129, 46, 62


 102, 20, 41

 75, 0, 20


 51, 0, 1

 4, 0, 0


 0, 0, 0


 244, 149, 161

 244, 149, 161

 244, 125, 140

 244, 173, 182

 244, 100, 118

 244, 198, 204

 244, 76, 97

 244, 222, 225

 244, 51, 76

 244, 246, 247

 244, 27, 54

 244, 250, 255

 244, 3, 33

 244, 0, 31

Harmonies

Analogous

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



232, 151, 196



244, 149, 161



237, 165, 129

Triad

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



244, 149, 161



124, 188, 168



92, 149, 242

Complementary

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



244, 149, 161



149, 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.



34, 120, 223



244, 149, 161



100, 158, 193

Square

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



244, 149, 161



111, 183, 107



51, 124, 195



152, 170, 243

Rectangle

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



244, 149, 161



224, 202, 114



51, 124, 195



71, 140, 237

Sweetspot

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



244, 149, 161



255, 224, 228



231, 149, 244



128, 110, 112



0, 0, 0



128, 128, 128

Same Dimension

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



244, 149, 161



255, 135, 150



244, 204, 149



122, 110, 112



186, 0, 24



59, 0, 7

Inverse Universe

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



244, 149, 161



255, 135, 150



149, 186, 244



122, 110, 112



186, 0, 24



59, 0, 7

Previews

White Background



This preview shows how the RYB color 244, 149, 161 looks on a white background.

Color Contrast Check

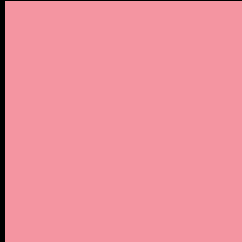
Large Text (above 18pt) WCAG AA × Fail

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, 149, 161 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, 149, 161 Background



This preview shows how black text looks on a background with the RYB color 244, 149, 161.



This preview shows how white text looks on a background with the RYB color 244, 149, 161.

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, 149, 161

Protanopia
179, 175, 175

Deuteranopia
200, 176, 157



Tritanopia
244, 149, 160

Trichromacy



Original Color

244, 149, 161



Protanomaly

203, 166, 170



Deuteranomaly

216, 162, 158



Tritanomaly

244, 149, 160

Monochromacy



Original Color

244, 149, 161



Achromatopsia

179, 179, 179



Achromatomaly

203, 168, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 149, 161 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, 149, 161) looks like.

```
.text, #text, p{  
    color:rgb(244, 149, 161)  
}
```

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, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 149, 161) }
```

Border

The CSS property to change the border of an element to RYB 244, 149, 161 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, 149, 161) }
```

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

```
.border{ border-color:rgb(244, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(244, 149,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 244, 149, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 149, 161) }
```

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

```
.background{ background-color: rgb(244,  
149, 161) }
```

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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