

Converting Colors

`RYB(247, 159, 135)`

Have a look what the booklet for
RYB(247, 159, 135) contains.

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Color

R_YB(247, 159, 135)

Conversions

Conversions Part 1

Format	Color
Hex	F79B87
RGB	247, 155, 135
RGB Percent	97%, 61%, 53%
CMY	0.0314, 0.3931, 0.4706
CMYK	0.00, 0.37, 0.45, 0.03
HSL	11°, 88%, 75%
HSV	11°, 45%, 97%
XYZ	54.4132, 44.8879, 28.7180
YIQ	180.2280, 61.2520, 13.2840

Conversions

Conversions Part 2

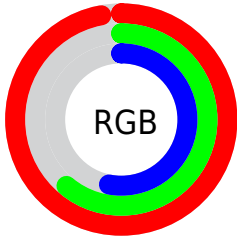
Format	Color
R _Y B	247, 159, 135
Decimal	16227207
CIE Lab	72.82, 32.33, 24.87
CIE LCh	73, 40.794, 37.571
Yxy	44.8879, 0.4250, 0.3506
Android (android.graphics.Color)	4294417287 (0xFFFF79B87)
YUV	180.2280, -22.2974, 58.5590
Hunter-Lab	66.9984, 27.7226, 21.4850

Details

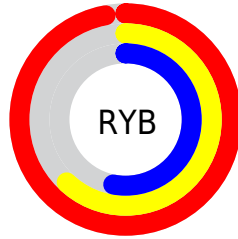
The RYB color **247, 159, 135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **135, 186, 247**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 221, 188**, and **188, 107, 85** is the 20% darker color. If you saturate the color by 10%, you get **247, 139, 110**, and if you desaturate by 10%, it is **247, 178, 160**.

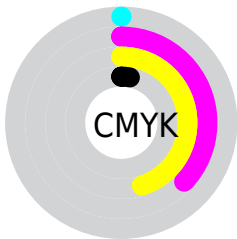
Distribution



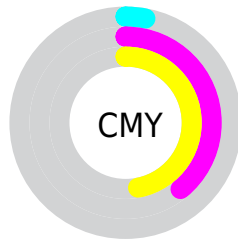
- Red (97%)
- Green (61%)
- Blue (53%)



- Red (97%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (3%)



- Cyan (3%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 159, 135 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 247, 159, 135 by changing the saturation by 10% instead.

 247, 159, 135

 247, 159, 135

255, 255, 255

 217, 132, 110

 255, 221, 188

 188, 105, 85

 243, 255, 216

 159, 80, 62

 245, 255, 245

 130, 55, 40


 102, 30, 19

 75, 2, 0


 49, 0, 0

 4, 0, 0

 0, 0, 0

 247, 159, 135


 247, 159, 135

 247, 139, 110

 247, 178, 160

 247, 120, 86

 247, 197, 184

 247, 101, 61

 247, 218, 209

 247, 81, 36

 247, 236, 234

 247, 62, 12

 247, 251, 255

 247, 54, 0

Harmonies

Analogous

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



250, 149, 171



247, 159, 135



226, 222, 110

Triad

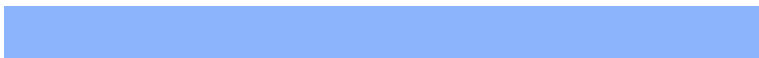
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 159, 135



107, 167, 196



139, 169, 252

Complementary

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



247, 159, 135



135, 186, 247

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.



69, 141, 247



247, 159, 135



47, 126, 199

Square

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



247, 159, 135



118, 190, 155



0, 105, 223



195, 165, 238

Rectangle

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



247, 159, 135



147, 206, 103



0, 105, 223



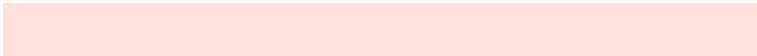
117, 161, 253

Sweetspot

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



247, 159, 135



255, 228, 219



247, 135, 228



128, 111, 106



0, 0, 0



128, 128, 128

Same Dimension

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



247, 159, 135



255, 148, 117



190, 247, 135



122, 112, 110



186, 40, 0



59, 12, 0

Inverse Universe

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



135, 186, 247



117, 179, 255



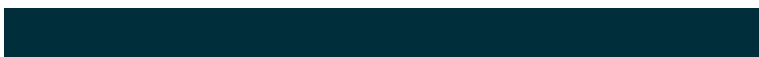
135, 163, 247



110, 115, 122



0, 84, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 247, 159, 135 looks on a white background.

Color Contrast Check

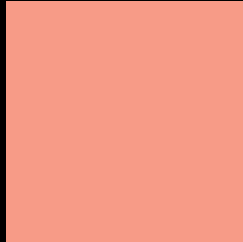
Large Text (above 18pt) WCAG AA × Fail

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 247, 159, 135 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 247, 159, 135 Background



This preview shows how black text looks on a background with the RYB color 247, 159, 135.

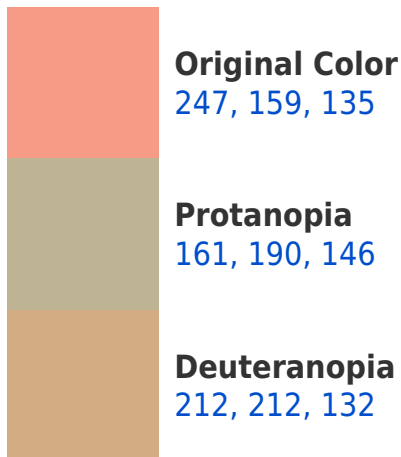



This preview shows how white text looks on a background with the RYB color 247, 159, 135.

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





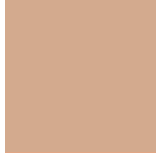
Tritanopia
249, 151, 162

Trichromacy



Original Color

247, 159, 135



Protanomaly

211, 189, 142



Deuteranomaly

225, 184, 133



Tritanomaly

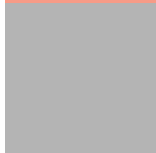
248, 152, 152

Monochromacy



Original Color

247, 159, 135



Achromatopsia

180, 180, 180



Achromatomaly

204, 172, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 159, 135 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(247, 155, 135) looks like.

```
.text, #text, p{  
    color:rgb(247, 155, 135)  
}
```

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(247, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 155, 135) }
```

Border

The CSS property to change the border of an element to RYB 247, 159, 135 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(247, 155, 135) }
```

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

```
.border{ border-color:rgb(247, 155, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(247, 155,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 247, 159, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 155, 135) }
```

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

```
.background{ background-color: rgb(247,  
155, 135) }
```

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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