

Converting Colors

`RYB(253, 157, 157)`

Have a look what the booklet for
RYB(253, 157, 157) contains.

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Color

`RYB(253, 157, 157)`

Conversions

Conversions Part 1

Format	Color
Hex	FD9D9D
RGB	253, 157, 157
RGB Percent	99%, 62%, 62%
CMY	0.0078, 0.3843, 0.3843
CMYK	0.00, 0.38, 0.38, 0.01
HSL	0°, 96%, 80%
HSV	0°, 38%, 99%
XYZ	58.6508, 47.4309, 37.9621
YIQ	185.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

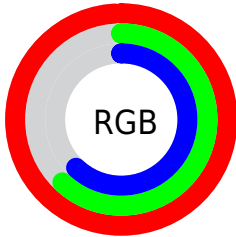
Format	Color
R _{YB}	253, 157, 157
Decimal	16620957
CIE Lab	74.46, 35.75, 15.21
CIE LCh	74, 38.846, 23.049
Yxy	47.4309, 0.4072, 0.3293
Android (android.graphics.Color)	4294811037 (0xFFFD9D9D)
YUV	185.7040, -14.1511, 59.0186
Hunter-Lab	68.8701, 31.4905, 15.5276

Details

The RYB color **253, 157, 157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **157, 205, 253**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 213, 212**, and **194, 104, 106** is the 20% darker color. If you saturate the color by 10%, you get **253, 132, 132**, and if you desaturate by 10%, it is **253, 182, 182**.

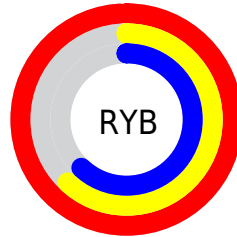
Distribution



Red (99%)

Green (62%)

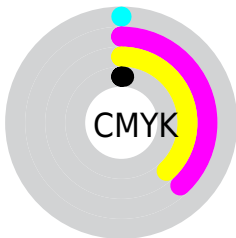
Blue (62%)



Red (99%)

Yellow (62%)

Blue (62%)

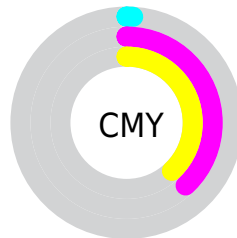


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (1%)



Cyan (1%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 157, 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 253, 157, 157 by changing the saturation by 10% instead.

 253, 157, 157

255, 255, 255

 255, 213, 212

 255, 241, 240

 253, 157, 157

 223, 130, 131

 194, 104, 106

 165, 79, 82

 137, 54, 59

 109, 29, 37

 82, 0, 17

 56, 0, 0

 24, 0, 1

 0, 0, 0

■ 253, 157, 157

■ 253, 157, 157

■ 253, 132, 132

■ 253, 182, 182

■ 253, 106, 106

■ 253, 208, 208

■ 253, 81, 81

■ 253, 233, 233

■ 253, 56, 56

253, 254, 255

■ 253, 31, 31

■ 253, 5, 5

■ 253, 0, 0

Harmonies

Analogous

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



247, 156, 193



253, 157, 157



241, 186, 127

Triad

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



253, 157, 157



137, 196, 198



118, 165, 253

Complementary

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



253, 157, 157



157, 205, 253

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.



57, 136, 239



253, 157, 157



91, 155, 202

Square

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



253, 157, 157



116, 189, 126



44, 125, 210



175, 177, 249

Rectangle

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



253, 157, 157



207, 224, 115



44, 125, 210



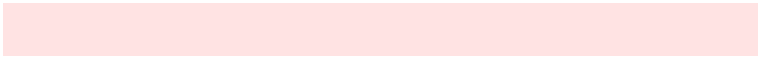
97, 156, 251

Sweetspot

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



253, 157, 157



255, 227, 227



253, 157, 253



128, 111, 111



0, 0, 0



128, 128, 128

Same Dimension

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



253, 157, 157



255, 138, 138



253, 253, 157



128, 115, 115



191, 0, 0



64, 0, 0

Inverse Universe

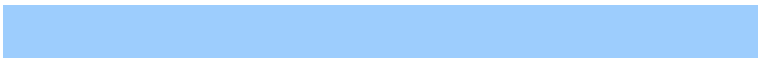
The Inverse Universe completely reimagines the original color for something new.



157, 205, 253



138, 197, 255



157, 189, 253



115, 122, 128



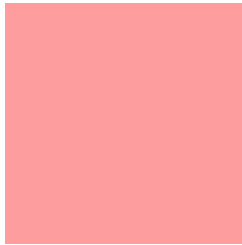
0, 96, 191



0, 32, 64

Previews

White Background



This preview shows how the RYB color 253, 157, 157 looks on a white background.

Color Contrast Check

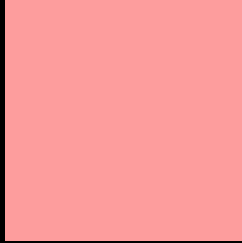
Large Text (above 18pt) WCAG AA × Fail

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 253, 157, 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 253, 157, 157 Background



This preview shows how black text looks on a background with the RYB color 253, 157, 157.



This preview shows how white text looks on a background with the RYB color 253, 157, 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
253, 157, 157

Protanopia
181, 190, 170

Deuteranopia
212, 193, 153



Tritanopia
254, 155, 167

Trichromacy



Original Color

253, 157, 157



Protanomaly

213, 176, 165



Deuteranomaly

227, 174, 154



Tritanomaly

254, 156, 163

Monochromacy



Original Color

253, 157, 157



Achromatopsia

186, 186, 186



Achromatomaly

210, 175, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 157, 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(253, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(253, 157, 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(253, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 157, 157) }
```

Border

The CSS property to change the border of an element to RYB 253, 157, 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(253, 157, 157) }
```

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

```
.border{ border-color:rgb(253, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 157, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 157, 157); box-shadow:4px 4px 4px 4px rgb(253, 157, 157) }
```

Background

The CSS property to change the background color of an element to RYB 253, 157, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 157, 157) }
```

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

```
.background{ background-color: rgb(253,  
157, 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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