

Converting Colors

`RYB(255, 161, 161)`

Have a look what the booklet for
RYB(255, 161, 161) contains.

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Color

R_YB(255, 161, 161)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1A1
RGB	255, 161, 161
RGB Percent	100%, 63%, 63%
CMY	0.0000, 0.3686, 0.3686
CMYK	0.00, 0.37, 0.37, 0.00
HSL	0°, 100%, 82%
HSV	0°, 37%, 100%
XYZ	60.4179, 49.3229, 40.0541
YIQ	189.1060, 56.0240, 19.9280

Conversions

Conversions Part 2

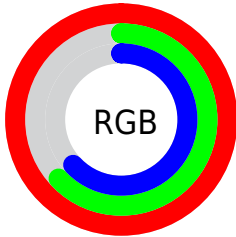
Format	Color
R _Y B	255, 161, 161
Decimal	16753057
CIE Lab	75.65, 34.86, 14.72
CIE LCh	76, 37.839, 22.887
Yxy	49.3229, 0.4033, 0.3293
Android (android.graphics.Color)	4294943137 (0xFFFFA1A1)
YUV	189.1060, -13.8563, 57.7890
Hunter-Lab	70.2303, 30.6574, 15.3466

Details

The RYB color **255, 161, 161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **161, 208, 255**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 217, 216**, and **196, 108, 110** is the 20% darker color. If you saturate the color by 10%, you get **255, 135, 135**, and if you desaturate by 10%, it is **255, 187, 187**.

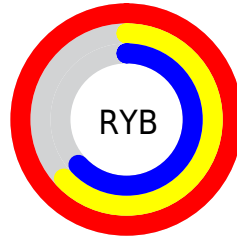
Distribution



Red (100%)

Green (63%)

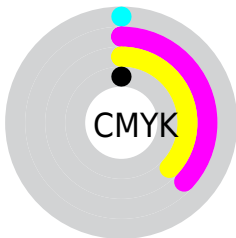
Blue (63%)



Red (100%)

Yellow (63%)

Blue (63%)

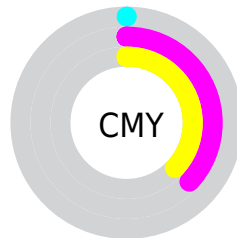


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 161, 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 255, 161, 161 by changing the saturation by 10% instead.


 255, 161, 161

 255, 161, 161

255, 255, 255

 225, 134, 135


 255, 217, 216

 196, 108, 110

 255, 245, 244

 167, 83, 85

 139, 58, 62

 111, 33, 40

 84, 5, 20

 58, 0, 0

 30, 0, 1


 0, 0, 0

 255, 161, 161

 255, 161, 161

 255, 135, 135

 255, 187, 187

 255, 110, 110

 255, 212, 212

 255, 84, 84

 255, 238, 238

 255, 59, 59

255, 255, 255

 255, 33, 33

 255, 8, 8

 255, 0, 0

Harmonies

Analogous

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



249, 160, 196



255, 161, 161



243, 190, 132

Triad

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



255, 161, 161



142, 200, 201



124, 169, 255

Complementary

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



255, 161, 161



161, 208, 255

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, 144, 241



255, 161, 161



98, 160, 205

Square

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



255, 161, 161



121, 193, 131



59, 134, 212



179, 180, 251

Rectangle

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



255, 161, 161



214, 227, 120



59, 134, 212



104, 161, 252

Sweetspot

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



255, 161, 161



255, 227, 227



255, 161, 255



128, 111, 111



0, 0, 0



128, 128, 128

Same Dimension

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



255, 161, 161



255, 143, 143



255, 255, 161



128, 115, 115



191, 0, 0



64, 0, 0

Inverse Universe

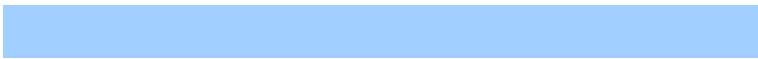
The Inverse Universe completely reimagines the original color for something new.



161, 208, 255



143, 199, 255



161, 192, 255



115, 122, 128



0, 96, 191



0, 32, 64

Previews

White Background



This preview shows how the RYB color 255, 161, 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 255, 161, 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 255, 161, 161 Background



This preview shows how black text looks on a background with the RYB color 255, 161, 161.



This preview shows how white text looks on a background with the RYB color 255, 161, 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
255, 161, 161

Protanopia
185, 193, 174

Deuteranopia
215, 194, 158



Tritanopia
255, 160, 172

Trichromacy



Original Color

255, 161, 161



Protanomaly

216, 179, 169



Deuteranomaly

230, 176, 159



Tritanomaly

255, 160, 168

Monochromacy



Original Color

255, 161, 161



Achromatopsia

189, 189, 189



Achromatomaly

213, 179, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 161, 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(255, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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(255, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 161) }
```

Border

The CSS property to change the border of an element to RYB 255, 161, 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(255, 161, 161) }
```

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

```
.border{ border-color:rgb(255, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 161); box-shadow:4px 4px 4px 4px rgb(255, 161, 161) }
```

Background

The CSS property to change the background color of an element to RYB 255, 161, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 161) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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