

Converting Colors

`RYB(161, 174, 174)`

Have a look what the booklet for RYB(161, 174, 174) contains.

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Color

R_YB(161, 174, 174)

Conversions

Conversions Part 1

Format	Color
Hex	A1AEA1
RGB	161, 174, 161
RGB Percent	63%, 68%, 63%
CMY	0.3686, 0.3176, 0.3686
CMYK	0.07, 0.00, 0.07, 0.32
HSL	120°, 7%, 66%
HSV	120°, 7%, 68%
XYZ	36.2670, 40.4224, 39.6090
YIQ	168.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

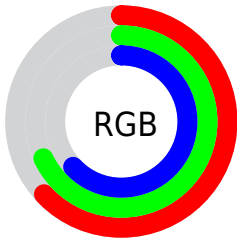
Format	Color
RYB	161, 174, 174
Decimal	10596001
CIELab	69.77, -7.04, 5.11
CIELCh	70, 8.697, 144.042
Yxy	40.4224, 0.3118, 0.3476
Android (android.graphics.Color)	4288786081 (0xFFA1AEA1)
YUV	168.6310, -3.7621, -6.6924
Hunter-Lab	63.5786, -9.4411, 7.5677

Details

The RYB color **161, 174, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 161, 174**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **216, 229, 229**, and **109, 121, 122** is the 20% darker color. If you saturate the color by 10%, you get **144, 174, 174**, and if you desaturate by 10%, it is **178, 174, 178**.

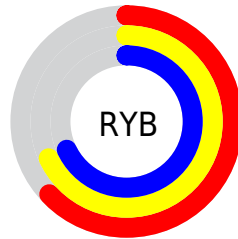
Distribution



Red (63%)

Green (68%)

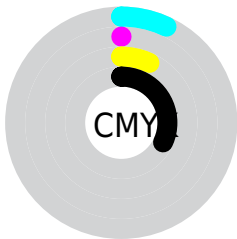
Blue (63%)



Red (63%)

Yellow (68%)

Blue (68%)

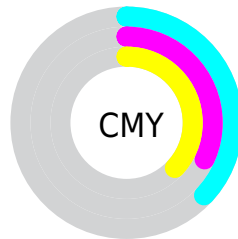


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 174, 174 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 161, 174, 174 by changing the saturation by 10% instead.

 161, 174, 174

255, 255, 255

 216, 229, 229

 244, 255, 255

 161, 174, 174

 135, 147, 147

 109, 121, 122


 85, 97, 97

 62, 73, 73

 40, 51, 51

 20, 29, 29

 0, 0, 0

 161, 174, 174

 144, 174, 174

 161, 174, 174


 178, 174, 178


 126, 174, 174


 196, 174, 196

 109, 174, 174


 213, 174, 213

 91, 174, 174


 231, 174, 231


 74, 174, 174

 248, 174, 248

 57, 174, 174

 255, 174, 255

 39, 174, 174

 22, 174, 174

 4, 174, 174

Harmonies

Analogous

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



156, 172, 158



161, 174, 174



154, 166, 175

Triad

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



161, 174, 174



161, 169, 186



188, 165, 164

Complementary

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



161, 174, 174



174, 161, 174

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.



186, 165, 172



161, 174, 174



170, 169, 185

Square

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



161, 174, 174



153, 165, 183



179, 167, 180



185, 172, 158

Rectangle

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



161, 174, 174



151, 163, 175



179, 167, 180



188, 165, 167

Sweetspot

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



161, 174, 174



222, 227, 227



161, 174, 161



112, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



161, 174, 174



207, 227, 227



161, 169, 174



78, 87, 87



0, 150, 150



0, 23, 23

Inverse Universe

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



174, 161, 174



227, 207, 227



174, 161, 168



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 161, 174, 174 looks on a white background.

Color Contrast Check

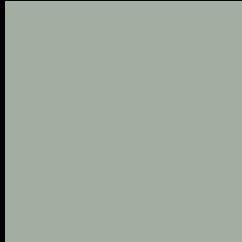
Large Text (above 18pt) WCAG AA × Fail

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 161, 174, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

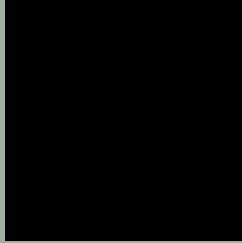
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

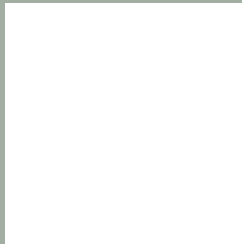
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 161, 174, 174 Background



This preview shows how black text looks on a background with the RYB color 161, 174, 174.



This preview shows how white text looks on a background with the RYB color 161, 174, 174.

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](#).

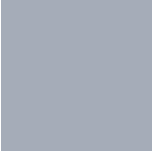
Dichromacy



Original Color
161, 174, 174

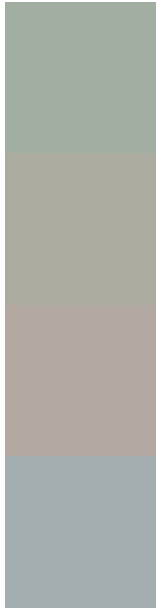
Protanopia
168, 176, 159

Deuteranopia
189, 165, 163



Tritanopia
165, 170, 184

Trichromacy



Original Color
161, 174, 174

Protanomaly
160, 171, 160

Deuteranomaly
179, 171, 162

Tritanomaly
164, 169, 176

Monochromacy



Original Color
161, 174, 174

Achromatopsia
169, 169, 169

Achromatomaly
166, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 174, 174 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(161, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 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(161, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 174, 174 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(161, 174, 161) }
```

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

```
.border{ border-color:rgb(161, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 174,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 174, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 161) }
```

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

```
.background{ background-color: rgb(161,  
174, 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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