

Converting Colors

`RYB(151, 166, 174)`

Have a look what the booklet for RYB(151, 166, 174) contains.

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Color

R_YB(151, 166, 174)

Conversions

Conversions Part 1

Format	Color
Hex	97AEA3
RGB	151, 174, 163
RGB Percent	59%, 68%, 64%
CMY	0.4078, 0.3176, 0.3597
CMYK	0.13, 0.00, 0.06, 0.32
HSL	152°, 12%, 64%
HSV	152°, 13%, 68%
XYZ	34.5333, 39.5053, 40.5809
YIQ	165.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

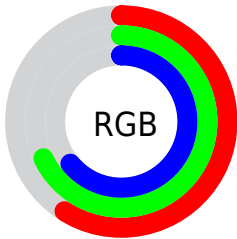
Format	Color
RYB	151, 166, 174
Decimal	9940643
CIELab	69.12, -10.10, 2.82
CIELCh	69, 10.483, 164.386
Yxy	39.5053, 0.3013, 0.3447
Android (android.graphics.Color)	4288130723 (0xFF97AEA3)
YUV	165.8690, -1.4144, -13.0401
Hunter-Lab	62.8533, -11.9203, 5.7170

Details

The RYB color **151, 166, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 151, 162**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **205, 221, 229**, and **100, 115, 122** is the 20% darker color. If you saturate the color by 10%, you get **134, 160, 174**, and if you desaturate by 10%, it is **168, 172, 174**.

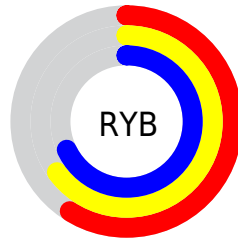
Distribution



Red (59%)

Green (68%)

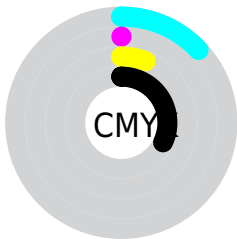
Blue (64%)



Red (59%)

Yellow (65%)

Blue (68%)

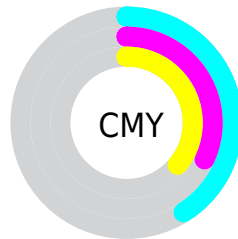


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 166, 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 151, 166, 174 by changing the saturation by 10% instead.

 151, 166, 174


255, 255, 255

 205, 221, 229

 234, 247, 255


 151, 166, 174


 125, 139, 147

 100, 114, 122

 76, 90, 97


 53, 66, 73

 31, 43, 50

 10, 22, 29

 0, 0, 0

 151, 166, 174


 134, 160, 174

 151, 166, 174


 168, 172, 174


 116, 154, 174


 186, 174, 180

 99, 148, 174


 203, 174, 188

 81, 141, 174


 221, 174, 196

 64, 136, 174


 238, 174, 204

 47, 130, 174

 255, 174, 212

 29, 124, 174

 255, 174, 220

 12, 118, 174

 255, 174, 228

 0, 113, 174

 255, 174, 236

Harmonies

Analogous

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



155, 172, 166



151, 166, 174



145, 160, 174

Triad

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



151, 166, 174



164, 167, 187



188, 167, 156

Complementary

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



151, 166, 174



174, 151, 162

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.



189, 162, 164



151, 166, 174



176, 165, 182

Square

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



151, 166, 174



153, 165, 187



185, 163, 174



181, 181, 151

Rectangle

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



151, 166, 174



145, 161, 179



185, 163, 174



189, 164, 158

Sweetspot

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



151, 166, 174



218, 224, 227



151, 174, 163



109, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



151, 166, 174



191, 215, 227



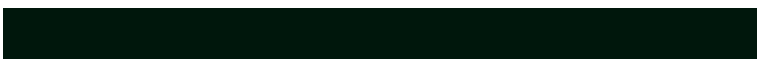
151, 162, 174



78, 84, 87



0, 98, 150



0, 15, 23

Inverse Universe

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



174, 151, 162



227, 191, 208



174, 152, 151



87, 78, 82



150, 0, 70



23, 0, 11

Previews

White Background



This preview shows how the RYB color 151, 166, 174 looks on a white background.

Color Contrast Check

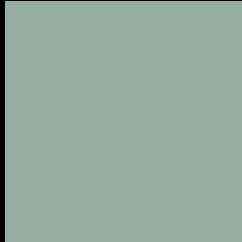
Large Text (above 18pt) WCAG AA × Fail

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 151, 166, 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 151, 166, 174 Background



This preview shows how black text looks on a background with the RYB color 151, 166, 174.



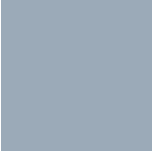
This preview shows how white text looks on a background with the RYB color 151, 166, 174.

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

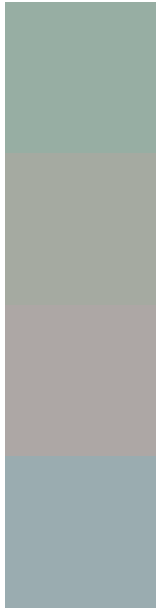




Tritanopia

155, 165, 184

Trichromacy



Original Color

151, 166, 174

Protanomaly

161, 170, 166

Deuteranomaly

173, 168, 165

Tritanomaly

154, 164, 176

Monochromacy



Original Color

151, 166, 174

Achromatopsia

166, 166, 166

Achromatomaly

161, 166, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 166, 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(151, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 174, 163)  
}
```

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(151, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 174, 163) }
```

Border

The CSS property to change the border of an element to RYB 151, 166, 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(151, 174, 163) }
```

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

```
.border{ border-color:rgb(151, 174, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 174, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 174, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 174,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 151, 166, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 174, 163) }
```

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

```
.background{ background-color: rgb(151,  
174, 163) }
```

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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