

Converting Colors

`RYB(157, 164, 171)`

Have a look what the booklet for
RYB(157, 164, 171) contains.

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Color

R_YB(157, 164, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9DABAB
RGB	157, 171, 171
RGB Percent	62%, 67%, 67%
CMY	0.3843, 0.3294, 0.3294
CMYK	0.08, 0.00, 0.00, 0.33
HSL	180°, 8%, 64%
HSV	180°, 8%, 67%
XYZ	35.8182, 39.2342, 44.2132
YIQ	166.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

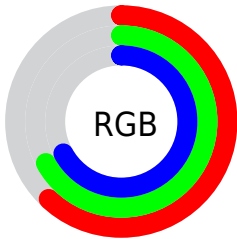
Format	Color
RYB	157, 164, 171
Decimal	10333099
CIELab	68.92, -4.88, -1.69
CIElCh	69, 5.167, 199.059
Yxy	39.2342, 0.3003, 0.3290
Android (android.graphics.Color)	4288523179 (0xFF9DABAB)
YUV	166.8140, 2.0637, -8.6069
Hunter-Lab	62.6372, -7.5423, 1.9955

Details

The RYB color **157, 164, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 157, 157**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **212, 219, 226**, and **106, 113, 119** is the 20% darker color. If you saturate the color by 10%, you get **140, 156, 171**, and if you desaturate by 10%, it is **174, 171, 171**.

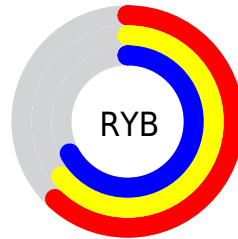
Distribution



Red (62%)

Green (67%)

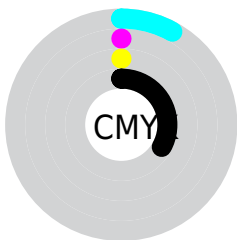
Blue (67%)



Red (62%)

Yellow (64%)

Blue (67%)

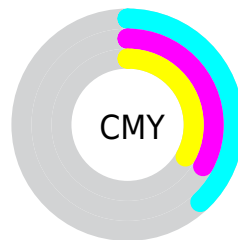


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 164, 171 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 157, 164, 171 by changing the saturation by 10% instead.


 157, 164, 171

255, 255, 255

 212, 219, 226

 240, 248, 255

 157, 164, 171

 131, 138, 145

 106, 113, 119


 81, 88, 94


 58, 65, 71


 37, 43, 48


 16, 22, 27

 0, 0, 0

 157, 164, 171

 140, 156, 171

 157, 164, 171

 174, 171, 171

■ 123, 147, 171

■ 191, 171, 171

■ 106, 139, 171

■ 208, 171, 171

■ 89, 130, 171

■ 225, 171, 171

■ 72, 122, 171

■ 242, 171, 171

■ 54, 113, 171

■ 255, 171, 171

■ 37, 104, 171

■ 20, 96, 171

■ 3, 87, 171

Harmonies

Analogous

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



159, 167, 171



157, 164, 171



158, 165, 175

Triad

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



157, 164, 171



173, 166, 174



172, 174, 159

Complementary

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



157, 164, 171



171, 157, 157

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.



178, 168, 161



157, 164, 171



177, 165, 170

Square

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



157, 164, 171



167, 168, 177



179, 165, 165



159, 169, 159

Rectangle

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



157, 164, 171



160, 166, 177



179, 165, 165



175, 173, 160

Sweetspot

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



157, 164, 171



217, 220, 222



157, 171, 171



110, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



157, 164, 171



200, 211, 222



157, 162, 171



78, 83, 87



0, 75, 150



0, 12, 23

Inverse Universe

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



171, 157, 171



222, 200, 222



171, 171, 157



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 157, 164, 171 looks on a white background.

Color Contrast Check

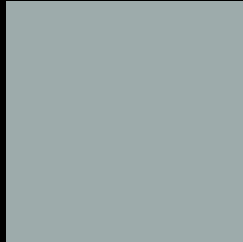
Large Text (above 18pt) WCAG AA × Fail

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 157, 164, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

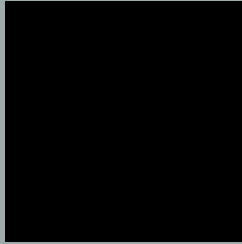
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

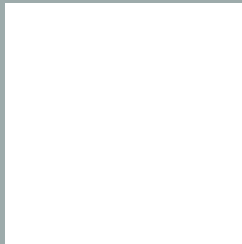
Any Text WCAG AAA ✓ Pass

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

RYB 157, 164, 171 Background



This preview shows how black text looks on a background with the RYB color 157, 164, 171.



This preview shows how white text looks on a background with the RYB color 157, 164, 171.

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
157, 164, 171

Protanopia
171, 167, 169

Deuteranopia
182, 163, 173



Tritanopia
159, 166, 183

Trichromacy



Original Color
157, 164, 171

Protanomaly
166, 167, 170

Deuteranomaly
173, 166, 172

Tritanomaly
158, 166, 179

Monochromacy



Original Color
157, 164, 171

Achromatopsia
167, 167, 167

Achromatomaly
163, 166, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 164, 171 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(157, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 171)  
}
```

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(157, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 171) }
```

Border

The CSS property to change the border of an element to RYB 157, 164, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

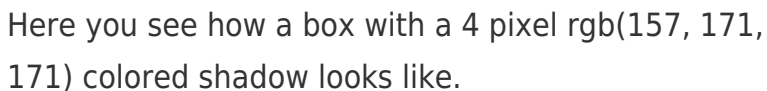
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 171) }
```

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

```
.border{ border-color:rgb(157, 171, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 171); box-shadow:4px 4px 4px 4px rgb(157, 171, 171) }
```

Background

The CSS property to change the background color of an element to RYB 157, 164, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 171) }
```

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

```
.background{ background-color: rgb(157,  
171, 171) }
```

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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