

Converting Colors

`RYB(173, 153, 159)`

Have a look what the booklet for
RYB(173, 153, 159) contains.

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Color

R_YB(173, 153, 159)

Conversions

Conversions Part 1

Format	Color
Hex	AD999F
RGB	173, 153, 159
RGB Percent	68%, 60%, 62%
CMY	0.3216, 0.4000, 0.3765
CMYK	0.00, 0.12, 0.08, 0.32
HSL	342°, 11%, 64%
HSV	342°, 12%, 68%
XYZ	34.8828, 34.1699, 37.5578
YIQ	159.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

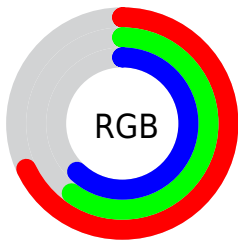
Format	Color
RYB	173, 153, 159
Decimal	11377055
CIELab	65.10, 8.42, -0.44
CIELCh	65, 8.436, 357.008
Yxy	34.1699, 0.3272, 0.3205
Android (android.graphics.Color)	4289567135 (0xFFAD999F)
YUV	159.6640, -0.3274, 11.6957
Hunter-Lab	58.4550, 4.2229, 2.8242

Details

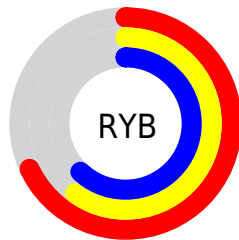
The RYB color **173, 153, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 165, 173**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **229, 207, 214**, and **121, 102, 108** is the 20% darker color. If you saturate the color by 10%, you get **173, 136, 147**, and if you desaturate by 10%, it is **173, 170, 171**.

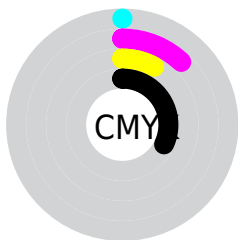
Distribution



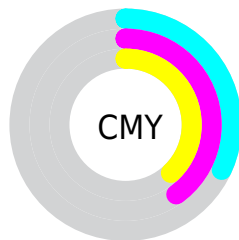
- Red (68%)
- Green (60%)
- Blue (62%)



- Red (68%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 153, 159 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 173, 153, 159 by changing the saturation by 10% instead.


 173, 153, 159


255, 255, 255


 229, 207, 214

 255, 236, 242

 173, 153, 159

 146, 127, 133

 121, 102, 108

 96, 78, 83


 72, 55, 60

 49, 34, 39

 29, 12, 18

 0, 0, 0

 173, 153, 159

 173, 136, 147

 173, 153, 159


 173, 170, 171

 173, 118, 135

 173, 182, 188

 173, 101, 123

 173, 192, 205

 173, 84, 111

 173, 202, 222

 173, 66, 98

 173, 212, 239

 173, 49, 86

 173, 221, 255

 173, 32, 74

 173, 217, 255

 173, 15, 62

 173, 214, 255

 173, 0, 52

Harmonies

Analogous

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



167, 154, 166



173, 153, 159



174, 153, 151

Triad

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



173, 153, 159



144, 160, 147



142, 153, 170

Complementary

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



173, 153, 159



153, 165, 173

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.



139, 151, 164



173, 153, 159



148, 160, 162

Square

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



173, 153, 159



156, 165, 143



142, 154, 163



149, 156, 173

Rectangle

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



173, 153, 159



173, 157, 147



142, 154, 163



141, 153, 169

Sweetspot

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



173, 153, 159



224, 218, 220



167, 153, 173



112, 108, 109



240, 240, 240



112, 112, 112

Same Dimension

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



173, 153, 159



224, 193, 202



173, 158, 153



87, 78, 81



150, 0, 45



23, 0, 7

Inverse Universe

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



173, 153, 159



224, 193, 202



153, 162, 173



87, 78, 81



150, 0, 45



23, 0, 7

Previews

White Background



This preview shows how the RYB color 173, 153, 159 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 173, 153, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

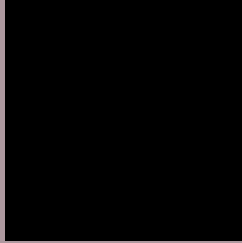
Any Text WCAG AA ✓ Pass

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 173, 153, 159 Background



This preview shows how black text looks on a background with the RYB color 173, 153, 159.



This preview shows how white text looks on a background with the RYB color 173, 153, 159.

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
173, 153, 159

Protanopia
160, 157, 161

Deuteranopia
173, 153, 159



Tritanopia

174, 152, 164

Trichromacy



Original Color

173, 153, 159

Protanomaly

165, 156, 160

Deuteranomaly

173, 153, 159

Tritanomaly

174, 152, 162

Monochromacy



Original Color

173, 153, 159

Achromatopsia

160, 160, 160

Achromatomaly

165, 157, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 153, 159 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(173, 153, 159) looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 159)  
}
```

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(173, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 159) }
```

Border

The CSS property to change the border of an element to RYB 173, 153, 159 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(173, 153, 159) }
```

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

```
.border{ border-color:rgb(173, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 173, 153, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 159) }
```

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

```
.background{ background-color: rgb(173,  
153, 159) }
```

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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