

Converting Colors

`RYB(171, 153, 171)`

Have a look what the booklet for
RYB(171, 153, 171) contains.

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Color

`RYB(171, 153, 171)`

Conversions

Conversions Part 1

Format	Color
Hex	AB99AB
RGB	171, 153, 171
RGB Percent	67%, 60%, 67%
CMY	0.3294, 0.4000, 0.3294
CMYK	0.00, 0.11, 0.00, 0.33
HSL	300°, 10%, 64%
HSV	300°, 11%, 67%
XYZ	35.5365, 34.3807, 43.2912
YIQ	160.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

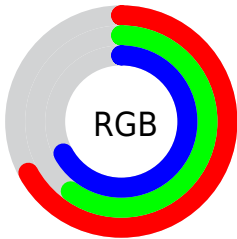
Format	Color
RYB	171, 153, 171
Decimal	11245995
CIELab	65.26, 9.93, -6.96
CIElCh	65, 12.124, 324.990
Yxy	34.3807, 0.3139, 0.3037
Android (android.graphics.Color)	4289436075 (0xFFAB99AB)
YUV	160.4340, 5.2090, 9.2664
Hunter-Lab	58.6350, 5.5709, -2.7303

Details

The RYB color **171, 153, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 171, 171**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **226, 207, 226**, and **119, 102, 119** is the 20% darker color. If you saturate the color by 10%, you get **171, 136, 171**, and if you desaturate by 10%, it is **171, 170, 171**.

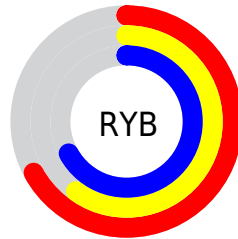
Distribution



Red (67%)

Green (60%)

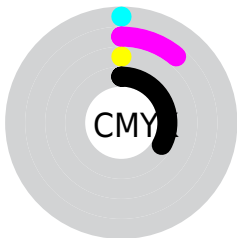
Blue (67%)



Red (67%)

Yellow (60%)

Blue (67%)

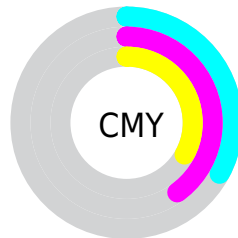


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (33%)



Cyan (33%)


Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 153, 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 171, 153, 171 by changing the saturation by 10% instead.


 171, 153, 171

255, 255, 255

 226, 207, 226

 255, 236, 255

 171, 153, 171

 144, 127, 144

 119, 102, 119


 94, 78, 94


 70, 55, 71


 48, 34, 48


 27, 12, 27

 0, 0, 0

 171, 153, 171

 171, 136, 171

 171, 153, 171

 171, 170, 171

■ 171, 119, 171

■ 171, 187, 187

■ 171, 102, 171

■ 171, 204, 204

■ 171, 85, 171

■ 171, 221, 221

■ 171, 67, 171

■ 171, 238, 238

■ 171, 50, 171

■ 171, 255, 255

■ 171, 33, 171

■ 171, 16, 171

■ 171, 0, 171

Harmonies

Analogous

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



158, 156, 178



171, 153, 171



179, 151, 161

Triad

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



171, 153, 171



156, 169, 137



131, 148, 167

Complementary

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



171, 153, 171



153, 171, 171

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.



135, 153, 165



171, 153, 171



139, 161, 143

Square

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



171, 153, 171



178, 161, 141



145, 162, 163



134, 151, 176

Rectangle

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



171, 153, 171



182, 151, 153



145, 162, 163



131, 148, 165

Sweetspot

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



171, 153, 171



222, 215, 222



153, 153, 171



112, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



171, 153, 171



222, 193, 222



171, 153, 162



87, 78, 87



150, 0, 150



23, 0, 23

Inverse Universe

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



171, 153, 171



222, 193, 222



153, 165, 171



87, 78, 87



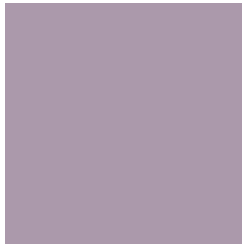
150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 171, 153, 171 looks on a white background.

Color Contrast Check

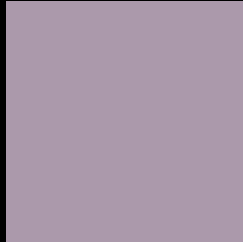
Large Text (above 18pt) WCAG AA × Fail

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 171, 153, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

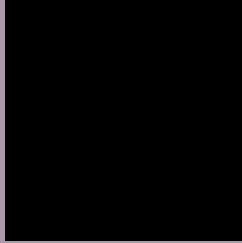
Any Text WCAG AA ✓ Pass

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 171, 153, 171 Background



This preview shows how black text looks on a background with the RYB color 171, 153, 171.



This preview shows how white text looks on a background with the RYB color 171, 153, 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

171, 153, 171

Protanopia

157, 157, 174

Deuteranopia

168, 154, 171



Tritanopia
170, 154, 166

Trichromacy



Original Color

171, 153, 171

Protanomaly

162, 156, 173

Deuteranomaly

169, 154, 171

Tritanomaly

170, 154, 168

Monochromacy



Original Color

171, 153, 171

Achromatopsia

160, 160, 160

Achromatomaly

164, 157, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 153, 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(171, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 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(171, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 153, 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(171, 153, 171) }
```

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

```
.border{ border-color:rgb(171, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 153,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 153, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 171) }
```

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

```
.background{ background-color: rgb(171,  
153, 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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