

Converting Colors

`RYB(176, 153, 170)`

Have a look what the booklet for
RYB(176, 153, 170) contains.

RYB(176, 153, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(176, 153, 170)

Conversions

Conversions Part 1

Format	Color
Hex	B099AA
RGB	176, 153, 170
RGB Percent	69%, 60%, 67%
CMY	0.3098, 0.4000, 0.3333
CMYK	0.00, 0.13, 0.03, 0.31
HSL	316°, 13%, 65%
HSV	316°, 13%, 69%
XYZ	36.5514, 34.9149, 42.8430
YIQ	161.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

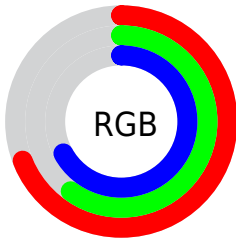
Format	Color
RYB	176, 153, 170
Decimal	11573674
CIELab	65.68, 11.52, -5.72
CIELCh	66, 12.866, 333.582
Yxy	34.9149, 0.3198, 0.3054
Android (android.graphics.Color)	4289763754 (0xFFB099AA)
YUV	161.8150, 4.0352, 12.4402
Hunter-Lab	59.0888, 7.0120, -1.6267

Details

The RYB color **176, 153, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 171, 176**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **232, 207, 225**, and **123, 102, 118** is the 20% darker color. If you saturate the color by 10%, you get **176, 135, 165**, and if you desaturate by 10%, it is **176, 171, 175**.

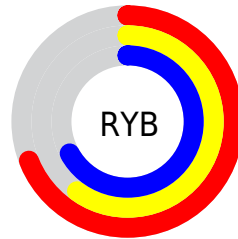
Distribution



Red (69%)

Green (60%)

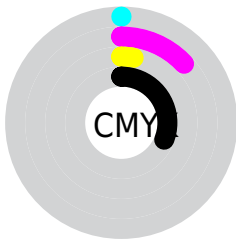
Blue (67%)



Red (69%)

Yellow (60%)

Blue (67%)

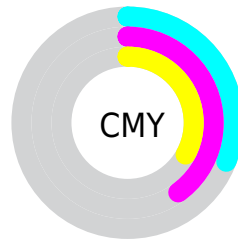


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 153, 170 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 176, 153, 170 by changing the saturation by 10% instead.

 176, 153, 170

255, 255, 255


 232, 207, 225

 255, 236, 254

 176, 153, 170


 149, 127, 144

 123, 102, 118

 98, 78, 93

 74, 55, 70

 52, 33, 47

 31, 12, 27

 0, 0, 0

 176, 153, 170


 176, 135, 165

 176, 153, 170

 176, 171, 175

 176, 118, 161

 176, 186, 188

 176, 100, 156


 176, 200, 206

 176, 83, 152


 176, 213, 223

 176, 65, 147


 176, 228, 241

 176, 47, 142

 176, 238, 255

 176, 30, 138

 176, 235, 255

 176, 12, 133

 176, 233, 255

 176, 0, 130

 176, 231, 255

Harmonies

Analogous

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



164, 156, 179



176, 153, 170



183, 152, 159

Triad

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



176, 153, 170



150, 168, 137



130, 149, 172

Complementary

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



176, 153, 170



153, 171, 176

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.



132, 150, 166



176, 153, 170



140, 163, 149

Square

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



176, 153, 170



178, 166, 139



142, 160, 165



136, 153, 180

Rectangle

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



176, 153, 170



184, 152, 151



142, 160, 165



130, 148, 168

Sweetspot

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



176, 153, 170



230, 220, 227



159, 153, 176



115, 109, 113



242, 242, 242



115, 115, 115

Same Dimension

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



176, 153, 170



230, 193, 220



176, 153, 159



89, 80, 87



153, 0, 113



26, 0, 19

Inverse Universe

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



176, 153, 170



230, 193, 220



153, 166, 176



89, 80, 87



153, 0, 113



26, 0, 19

Previews

White Background



This preview shows how the RYB color 176, 153, 170 looks on a white background.

Color Contrast Check

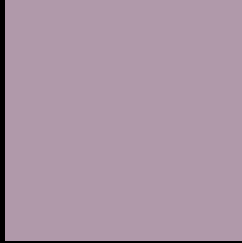
Large Text (above 18pt) WCAG AA × Fail

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 176, 153, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

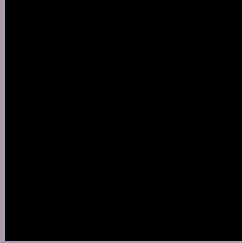
Any Text WCAG AA ✓ Pass

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 176, 153, 170 Background



This preview shows how black text looks on a background with the RYB color 176, 153, 170.



This preview shows how white text looks on a background with the RYB color 176, 153, 170.

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
176, 153, 170

Protanopia
158, 159, 173

Deuteranopia
171, 155, 170



Tritanopia
175, 154, 166

Trichromacy



Original Color
176, 153, 170

Protanomaly
165, 157, 172

Deuteranomaly
173, 154, 170

Tritanomaly
175, 154, 167

Monochromacy



Original Color
176, 153, 170

Achromatopsia
162, 162, 162

Achromatomaly
167, 159, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 153, 170 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(176, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(176, 153, 170)  
}
```

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(176, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 153, 170) }
```

Border

The CSS property to change the border of an element to RYB 176, 153, 170 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(176, 153, 170) }
```

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

```
.border{ border-color:rgb(176, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(176, 153,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 176, 153, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 153, 170) }
```

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

```
.background{ background-color: rgb(176,  
153, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor