

Converting Colors

`RYB(169, 153, 170)`

Have a look what the booklet for
RYB(169, 153, 170) contains.

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Color

R_YB(169, 153, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A999AA
RGB	169, 153, 170
RGB Percent	66%, 60%, 67%
CMY	0.3373, 0.4000, 0.3333
CMYK	0.01, 0.10, 0.00, 0.33
HSL	296°, 9%, 63%
HSV	296°, 10%, 67%
XYZ	35.0091, 34.1198, 42.7708
YIQ	159.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

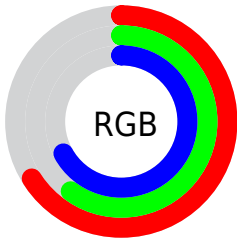
Format	Color
RYB	169, 153, 170
Decimal	11114922
CIELab	65.06, 9.03, -6.72
CIElCh	65, 11.254, 323.340
Yxy	34.1198, 0.3129, 0.3049
Android (android.graphics.Color)	4289305002 (0xFFA999AA)
YUV	159.7220, 5.0671, 8.1368
Hunter-Lab	58.4121, 4.7622, -2.5251

Details

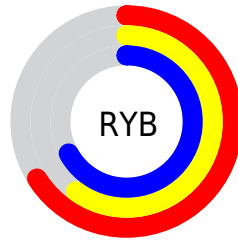
The RYB color **169, 153, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 170, 169**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **224, 207, 225**, and **117, 102, 118** is the 20% darker color. If you saturate the color by 10%, you get **168, 136, 170**, and if you desaturate by 10%, it is **170, 170, 170**.

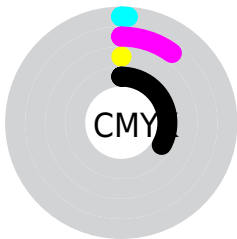
Distribution



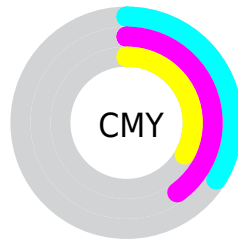
- Red (66%)
- Green (60%)
- Blue (67%)



- Red (66%)
- Yellow (60%)
- Blue (67%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 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 169, 153, 170 by changing the saturation by 10% instead.

 169, 153, 170

255, 255, 255

 224, 207, 225

 253, 236, 254

 169, 153, 170

 143, 127, 144

 117, 102, 118

 92, 78, 93

 69, 55, 70

 46, 34, 47

 26, 12, 27

 0, 0, 0

 169, 153, 170

 168, 136, 170

 169, 153, 170

 170, 170, 170

■ 167, 119, 170

■ 170, 187, 186

■ 166, 102, 170

■ 170, 204, 202

■ 165, 85, 170

■ 170, 221, 218

■ 164, 68, 170

■ 170, 238, 234

■ 163, 51, 170

■ 170, 255, 250

■ 162, 34, 170

■ 170, 255, 249

■ 161, 17, 170

■ 170, 255, 248

■ 160, 0, 170

■ 170, 255, 247

Harmonies

Analogous

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



157, 156, 176



169, 153, 170



177, 151, 161

Triad

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



169, 153, 170



158, 168, 138



132, 148, 165

Complementary

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



169, 153, 170



153, 170, 169

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.



137, 153, 164



169, 153, 170



139, 160, 141

Square

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



169, 153, 170



176, 158, 142



146, 162, 162



135, 151, 174

Rectangle

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



169, 153, 170



179, 151, 154



146, 162, 162



133, 149, 164

Sweetspot

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



169, 153, 170



221, 215, 222



153, 154, 170



112, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



169, 153, 170



220, 195, 222



170, 153, 163



84, 76, 84



139, 0, 148



19, 0, 20

Inverse Universe

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



170, 153, 154



222, 195, 197



153, 165, 170



84, 76, 76



148, 0, 9



20, 0, 1

Previews

White Background



This preview shows how the RYB color 169, 153, 170 looks on a white background.

Color Contrast Check

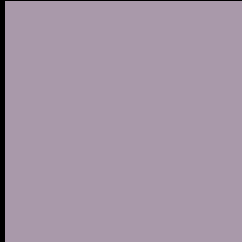
Large Text (above 18pt) WCAG AA × Fail

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 169, 153, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

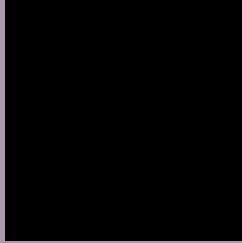
Any Text WCAG AA ✓ Pass

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](#).

R Y B 169, 153, 170 Background



This preview shows how black text looks on a background with the R Y B color 169, 153, 170.



This preview shows how white text looks on a background with the R Y B color 169, 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
169, 153, 170

Protanopia
157, 157, 172

Deuteranopia
168, 153, 170



Tritanopia
168, 154, 166

Trichromacy



Original Color

169, 153, 170

Protanomaly

161, 156, 171

Deuteranomaly

168, 153, 170

Tritanomaly

168, 154, 167

Monochromacy



Original Color

169, 153, 170

Achromatopsia

160, 160, 160

Achromatomaly

163, 157, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 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(169, 153, 170) looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 170) }
```

Border

The CSS property to change the border of an element to RYB 169, 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(169, 153, 170) }
```

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

```
.border{ border-color:rgb(169, 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(169, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 169, 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(169, 153, 170) }
```

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

```
.background{ background-color: rgb(169,  
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](#).

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