Converting Colors

RGB(170, 153, 153)

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

Color

RGB(170, 153, 153)

Conversions

Format	Color
Hex	AA9999
RGB	170, 153, 153
RGB Percent	67%, 60%, 60%
CMY	0.3333, 0.4000, 0.4000
CMYK	0.00, 0.10, 0.10, 0.33
HSL	0°, 9%, 63%
HSV	0°, 10%, 67%
XYZ	33.7186, 33.6284, 34.8508
YIQ	158.0830, 10.1320, 3.6040

Conversions Part 1

Conversions

Conversions Part 2

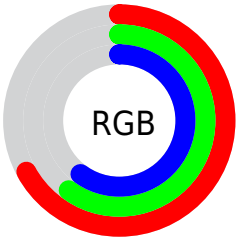
Format	Color
RYB	170, 153, 153
Decimal	11180441
CIELab	64.67, 6.25, 2.27
CIELCh	65, 6.653, 19.963
Yxy	33.6284, 0.3299, 0.3291
Android (android.graphics.Color)	4289370521 (0xFFAA9999)
YUV	158.0830, -2.5059, 10.4512
Hunter-Lab	57.9900, 2.3071, 4.9610

Details

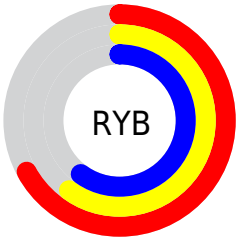
The RGB color 170, 153, 153 is a light color, and the websafe version is hex 999999. A complement of this color would be 153, 170, 170, and the grayscale version is 158, 158, 158.

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

Distribution

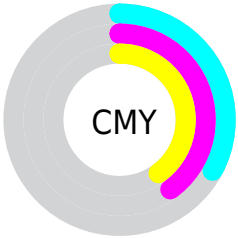


- Red (67%)
- Green (60%)
- Blue (60%)



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

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



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

Brightness & Saturation Gradients

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

170, 153, 153	170, 153, 153
255, 255, 255	143, 127, 127
225, 207, 207	118, 102, 102
254, 236, 235	93, 78, 78
	69, 55, 55
	47, 34, 34
	27, 12, 12
	0, 0, 0

170, 153, 153	170, 153, 153
170, 136, 136	170, 170, 170

170, 119, 119

170, 102, 102

170, 85, 85

170, 68, 68

170, 51, 51

170, 34, 34

170, 17, 17

170, 0, 0

170, 187, 187

170, 204, 204

170, 221, 221

170, 238, 238

170, 255, 255

170, 255, 255

Harmonies

Analogous

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

168, 153, 159

170, 153, 153

169, 154, 148

Triad

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

170, 153, 153

151, 159, 149

149, 158, 168

Complementary

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

170, 153, 153

153, 170, 170

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.

144, 160, 166

170, 153, 153

145, 160, 155

Square

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

170, 153, 153

158, 158, 146

142, 160, 161

156, 156, 168

Rectangle

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

170, 153, 153

166, 155, 146

142, 160, 161

147, 159, 168

Sweetspot

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

170, 153, 153

222, 215, 215

170, 153, 170

112, 108, 108

240, 240, 240

112, 112, 112

Same Dimension

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

170, 153, 153

222, 195, 195

170, 161, 153

84, 76, 76

148, 0, 0

20, 0, 0

Inverse Universe

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

153, 170, 170

195, 222, 222

153, 161, 170

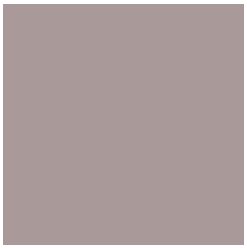
76, 84, 84

0, 148, 148

0, 20, 20

Previews

White Background

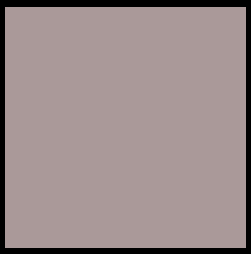


This preview shows how the RGB color 170, 153, 153 looks on a white background.

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



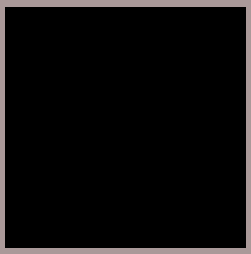
This preview shows how the RGB color 170, 153, 153 looks on a black background.

Color Contrast Check

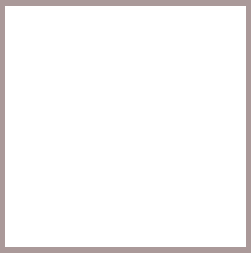
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 170, 153, 153 Background



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



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

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

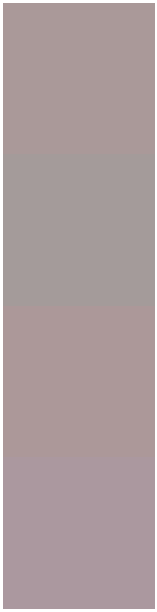
Original Color
170, 153, 153

Protanopia
160, 156, 155

Deuteranopia
173, 152, 153

Tritanopia
171, 151, 163

Trichromacy



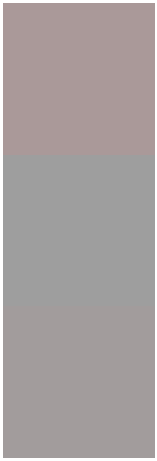
Original Color
170, 153, 153

Protanomaly
164, 155, 154

Deuteranomaly
172, 152, 153

Tritanomaly
171, 152, 159

Monochromacy



Original Color
170, 153, 153

Achromatopsia
158, 158, 158

Achromatomaly
162, 156, 156

CSS Examples

Text

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

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

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

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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