

Converting Colors

RGB(180, 170, 153)

Have a look what the booklet for
RGB(180, 170, 153) contains.

RGB(180, 170, 153)	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

RGB(180, 170, 153)

Conversions

Conversions Part 1

Format	Color
Hex	B4AA99
RGB	180, 170, 153
RGB Percent	71%, 67%, 60%
CMY	0.2941, 0.3333, 0.4000
CMYK	0.00, 0.06, 0.15, 0.29
HSL	38°, 15%, 65%
HSV	38°, 15%, 71%
XYZ	38.9469, 40.7527, 35.9503
YIQ	171.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

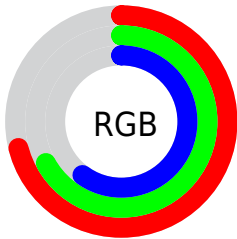
Format	Color
RYB	169, 180, 153
Decimal	11840153
CIELab	70.00, 0.68, 10.05
CIELCh	70, 10.070, 86.143
Yxy	40.7527, 0.3368, 0.3524
Android (android.graphics.Color)	4290030233 (0xFFB4AA99)
YUV	171.0520, -8.8996, 7.8474
Hunter-Lab	63.8378, -2.8149, 11.2972

Details

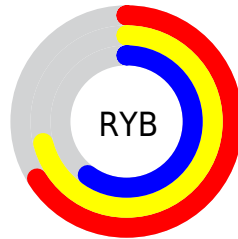
The RGB color **180, 170, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 163, 180**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **236, 225, 207**, and **127, 118, 102** is the 20% darker color. If you saturate the color by 10%, you get **180, 163, 135**, and if you desaturate by 10%, it is **180, 177, 171**.

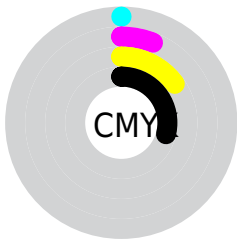
Distribution



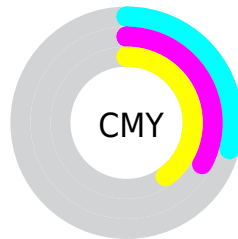
- Red (71%)
- Green (67%)
- Blue (60%)



- Red (66%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 170, 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 180, 170, 153 by changing the saturation by 10% instead.

 180, 170, 153

255, 255, 255


 236, 225, 207


 255, 254, 236

 180, 170, 153


 153, 144, 127

 127, 118, 102

 102, 93, 78

 78, 70, 55

 55, 47, 34


 33, 27, 12


 2, 0, 0


 0, 0, 0


 180, 170, 153


 180, 170, 153


 180, 163, 135


 180, 177, 171


 180, 157, 117


 180, 183, 189

 180, 150, 99


 180, 190, 207

 180, 143, 81


 180, 197, 225

 180, 137, 63

 180, 203, 243


 180, 130, 45

 180, 210, 255

 180, 123, 27

 180, 217, 255

 180, 117, 9

 180, 223, 255

 180, 113, 0

 180, 230, 255

Harmonies

Analogous

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



188, 167, 156



180, 170, 153



170, 173, 155

Triad

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



180, 170, 153



148, 176, 179



182, 166, 181

Complementary

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



180, 170, 153



153, 163, 180

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.



172, 169, 187



180, 170, 153



152, 175, 186

Square

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



180, 170, 153



151, 177, 169



160, 172, 189



189, 165, 173

Rectangle

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



180, 170, 153



163, 175, 158



160, 172, 189



179, 167, 184

Sweetspot

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



180, 170, 153



235, 230, 223



180, 153, 163



117, 115, 110



245, 245, 245



117, 117, 117

Same Dimension

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



180, 170, 153



235, 219, 192



177, 180, 153



89, 86, 80



153, 96, 0



26, 16, 0

Inverse Universe

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



153, 163, 180



192, 208, 235



156, 153, 180



80, 84, 89



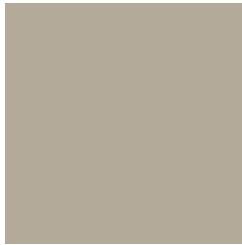
0, 57, 153



0, 9, 26

Previews

White Background



This preview shows how the RGB color 180, 170, 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 180, 170, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

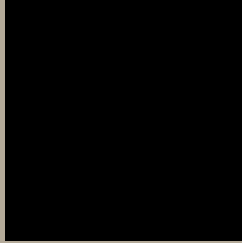
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

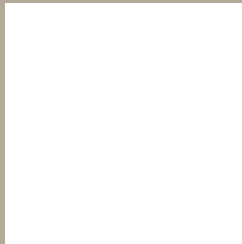
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 180, 170, 153 Background



This preview shows how black text looks on a background with the RGB color 180, 170, 153.

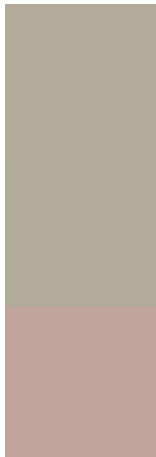


This preview shows how white text looks on a background with the RGB color 180, 170, 153.

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
180, 170, 153

Protanopia
178, 171, 153

Deuteranopia
194, 165, 154



Tritanopia

184, 166, 179

Trichromacy



Original Color

180, 170, 153

Protanomaly

179, 171, 153

Deuteranomaly

189, 167, 154

Tritanomaly

183, 167, 170

Monochromacy



Original Color

180, 170, 153

Achromatopsia

171, 171, 171

Achromatomaly

174, 171, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 170, 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(180, 170, 153) looks like.

```
.text, #text, p{  
    color:rgb(180, 170, 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(180, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 170, 153) }
```

Border

The CSS property to change the border of an element to RGB 180, 170, 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(180, 170, 153) }
```

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

```
.border{ border-color:rgb(180, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 170,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 180, 170, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 170, 153) }
```

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

```
.background{ background-color: rgb(180,  
170, 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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