

Converting Colors

RGB(189, 155, 151)

Have a look what the booklet for
RGB(189, 155, 151) contains.

RGB(189, 155, 151)	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(189, 155, 151)

Conversions

Conversions Part 1

Format	Color
Hex	BD9B97
RGB	189, 155, 151
RGB Percent	74%, 61%, 59%
CMY	0.2588, 0.3922, 0.4078
CMYK	0.00, 0.18, 0.20, 0.26
HSL	6°, 22%, 67%
HSV	6°, 20%, 74%
XYZ	38.2935, 36.4959, 34.3043
YIQ	164.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

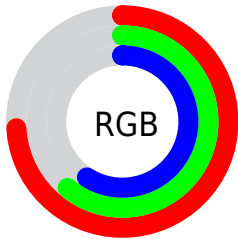
Format	Color
RYB	189, 155, 151
Decimal	12426135
CIELab	66.90, 11.97, 6.84
CIElCh	67, 13.787, 29.724
Yxy	36.4959, 0.3510, 0.3345
Android (android.graphics.Color)	4290616215 (0xFFBD9B97)
YUV	164.7100, -6.7590, 21.3023
Hunter-Lab	60.4118, 7.4260, 8.6210

Details

The RGB color **189, 155, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 185, 189**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **246, 210, 205**, and **135, 104, 100** is the 20% darker color. If you saturate the color by 10%, you get **189, 138, 132**, and if you desaturate by 10%, it is **189, 172, 170**.

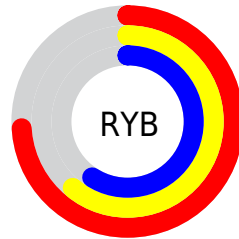
Distribution



Red (74%)

Green (61%)

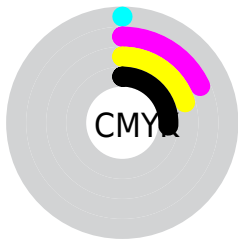
Blue (59%)



Red (74%)

Yellow (61%)

Blue (59%)

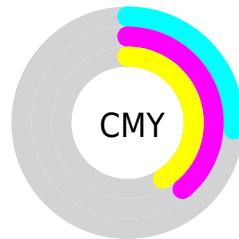


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 155, 151 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 189, 155, 151 by changing the saturation by 10% instead.


 189, 155, 151

255, 255, 255

 246, 210, 205

 255, 238, 233


 189, 155, 151

 162, 129, 125

 135, 104, 100

 109, 80, 76

 85, 57, 54


 61, 35, 32


 39, 14, 9


 0, 0, 0

 189, 155, 151

 189, 138, 132

 189, 155, 151

 189, 172, 170

 189, 121, 113

 189, 189, 189

 189, 104, 94

 189, 206, 208

 189, 87, 75

 189, 223, 227

 189, 70, 57

 189, 240, 246

 189, 54, 38

 189, 255, 255

 189, 37, 19

 189, 20, 0

Harmonies

Analogous

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



187, 154, 163



189, 155, 151



184, 158, 142

Triad

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



189, 155, 151



145, 169, 150



149, 164, 187

Complementary

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



189, 155, 151



151, 185, 189

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.



136, 167, 184



189, 155, 151



134, 170, 162

Square

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



189, 155, 151



159, 166, 141



131, 170, 175



165, 160, 184

Rectangle

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



189, 155, 151



177, 160, 139



131, 170, 175



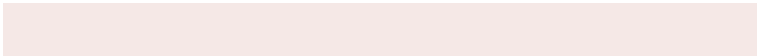
144, 165, 187

Sweetspot

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



189, 155, 151



245, 232, 230



189, 151, 185



122, 115, 114



250, 250, 250



122, 122, 122

Same Dimension

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



189, 155, 151



245, 192, 186



189, 174, 151



94, 86, 85



158, 17, 0



31, 3, 0

Inverse Universe

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



151, 185, 189



186, 239, 245



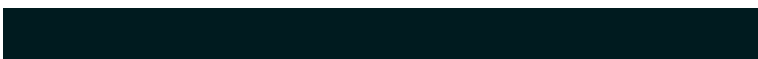
151, 166, 189



85, 93, 94



0, 141, 158



0, 27, 31

Previews

White Background



This preview shows how the RGB color 189, 155, 151 looks on a white background.

Color Contrast Check

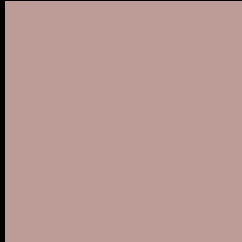
Large Text (above 18pt) WCAG AA × Fail

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 189, 155, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

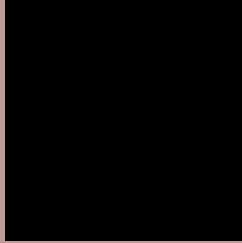
Any Text WCAG AA ✓ Pass

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 189, 155, 151 Background



This preview shows how black text looks on a background with the RGB color 189, 155, 151.



This preview shows how white text looks on a background with the RGB color 189, 155, 151.

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

189, 155, 151

Protanopia

168, 162, 155

Deuteranopia

183, 157, 151



Tritanopia
191, 153, 165

Trichromacy



Original Color
189, 155, 151

Protanomaly
176, 159, 154

Deuteranomaly
185, 156, 151

Tritanomaly
190, 154, 160

Monochromacy



Original Color
189, 155, 151

Achromatopsia
165, 165, 165

Achromatomaly
174, 161, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 155, 151 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(189, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 151)  
}
```

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(189, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 151) }
```

Border

The CSS property to change the border of an element to RGB 189, 155, 151 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(189, 155, 151) }
```

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

```
.border{ border-color:rgb(189, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 189, 155, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 151) }
```

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

```
.background{ background-color: rgb(189,  
155, 151) }
```

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