

Converting Colors

RGB(188, 171, 151)

Have a look what the booklet for
RGB(188, 171, 151) contains.

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Color

RGB(188, 171, 151)

Conversions

Conversions Part 1

Format	Color
Hex	BCAB97
RGB	188, 171, 151
RGB Percent	74%, 67%, 59%
CMY	0.2627, 0.3294, 0.4078
CMYK	0.00, 0.09, 0.20, 0.26
HSL	32°, 22%, 66%
HSV	32°, 20%, 74%
XYZ	40.8879, 42.0516, 35.2399
YIQ	173.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

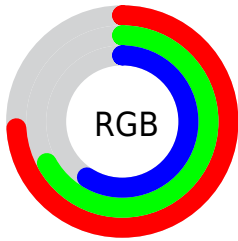
Format	Color
RYB	182, 188, 151
Decimal	12364695
CIELab	70.91, 2.85, 12.52
CIElCh	71, 12.843, 77.180
Yxy	42.0516, 0.3460, 0.3558
Android (android.graphics.Color)	4290554775 (0xFFBCAB97)
YUV	173.8030, -11.2419, 12.4508
Hunter-Lab	64.8472, -0.9336, 13.1731

Details

The RGB color **188, 171, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 168, 188**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **244, 226, 205**, and **134, 119, 100** is the 20% darker color. If you saturate the color by 10%, you get **188, 162, 132**, and if you desaturate by 10%, it is **188, 180, 170**.

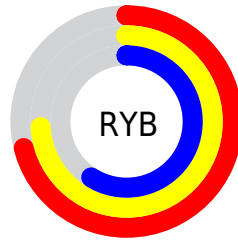
Distribution



Red (74%)

Green (67%)

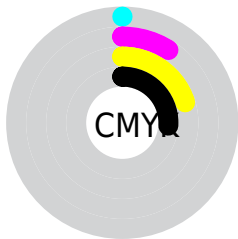
Blue (59%)



Red (71%)

Yellow (74%)

Blue (59%)

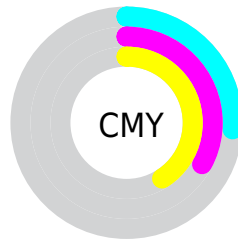


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RGB color 188, 171, 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 188, 171, 151 by changing the saturation by 10% instead.


 188, 171, 151

 188, 171, 151

255, 255, 255

 161, 145, 125


 244, 226, 205

 134, 119, 100

 255, 255, 233

 109, 94, 76

 84, 71, 53

 61, 48, 32

 39, 27, 9

 12, 1, 0

 0, 0, 0

 188, 171, 151

 188, 171, 151


 188, 162, 132


 188, 180, 170

 188, 154, 113

 188, 188, 189

 188, 145, 95


 188, 197, 207

 188, 136, 76


 188, 206, 226

 188, 128, 57

 188, 214, 245

 188, 119, 38

 188, 223, 255

 188, 111, 19

 188, 231, 255

 188, 102, 1

 188, 240, 255

 188, 102, 0

 188, 249, 255

Harmonies

Analogous

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



196, 168, 157



188, 171, 151



176, 175, 151

Triad

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



188, 171, 151



144, 180, 180



184, 168, 189

Complementary

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



188, 171, 151



151, 168, 188

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.



170, 172, 196



188, 171, 151



146, 179, 190

Square

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



188, 171, 151



151, 180, 168



155, 176, 196



194, 166, 179

Rectangle

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



188, 171, 151



167, 177, 155



155, 176, 196



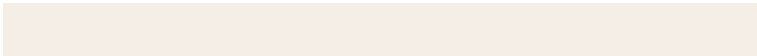
179, 170, 192

Sweetspot

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



188, 171, 151



245, 238, 230



188, 151, 168



122, 118, 114



250, 250, 250



122, 122, 122

Same Dimension

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



188, 171, 151



245, 218, 186



187, 188, 151



94, 90, 85



158, 85, 0



31, 17, 0

Inverse Universe

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



151, 168, 188



186, 213, 245



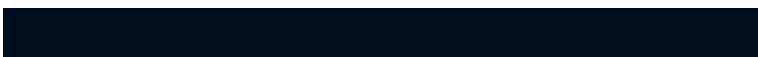
152, 151, 188



85, 89, 94



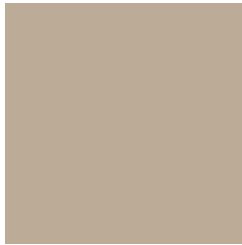
0, 73, 158



0, 14, 31

Previews

White Background



This preview shows how the RGB color 188, 171, 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 188, 171, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

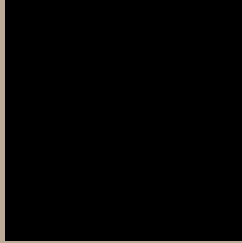
Any Text WCAG AA ✓ Pass

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 188, 171, 151 Background



This preview shows how black text looks on a background with the RGB color 188, 171, 151.



This preview shows how white text looks on a background with the RGB color 188, 171, 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
188, 171, 151

Protanopia
182, 173, 152

Deuteranopia
198, 167, 152



Tritanopia
192, 167, 180

Trichromacy



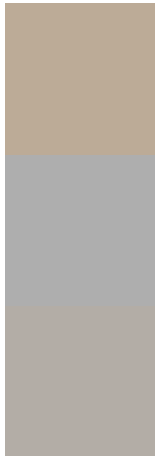
Original Color
188, 171, 151

Protanomaly
184, 172, 152

Deuteranomaly
194, 168, 152

Tritanomaly
191, 168, 169

Monochromacy



Original Color
188, 171, 151

Achromatopsia
174, 174, 174

Achromatomaly
179, 173, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 171, 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(188, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 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(188, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 151) }
```

Border

The CSS property to change the border of an element to RGB 188, 171, 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(188, 171, 151) }
```

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

```
.border{ border-color:rgb(188, 171, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 188, 171, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 151) }
```

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

```
.background{ background-color: rgb(188,  
171, 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](#).

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