

Converting Colors

RGB(170, 163, 131)

Have a look what the booklet for
RGB(170, 163, 131) contains.

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Color

RGB(170, 163, 131)

Conversions

Conversions Part 1

Format	Color
Hex	AAA383
RGB	170, 163, 131
RGB Percent	67%, 64%, 51%
CMY	0.3333, 0.3608, 0.4863
CMYK	0.00, 0.04, 0.23, 0.33
HSL	49°, 19%, 59%
HSV	49°, 23%, 67%
XYZ	33.7715, 36.3791, 26.7147
YIQ	161.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

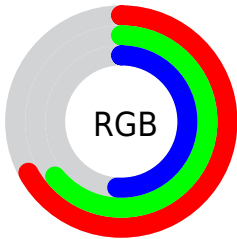
Format	Color
RYB	140, 170, 131
Decimal	11182979
CIELab	66.81, -2.79, 17.57
CIELCh	67, 17.788, 99.038
Yxy	36.3791, 0.3486, 0.3756
Android (android.graphics.Color)	4289373059 (0xFFAAA383)
YUV	161.4450, -15.0094, 7.5027
Hunter-Lab	60.3151, -5.6062, 15.9600

Details

The RGB color **170, 163, 131** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131, 138, 170**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **226, 218, 184**, and **117, 111, 81** is the 20% darker color. If you saturate the color by 10%, you get **170, 160, 114**, and if you desaturate by 10%, it is **170, 166, 148**.

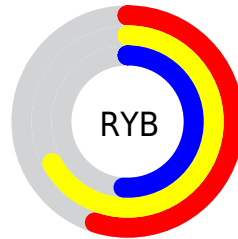
Distribution



Red (67%)

Green (64%)

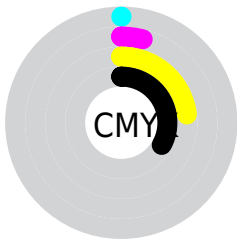
Blue (51%)



Red (55%)

Yellow (67%)

Blue (51%)

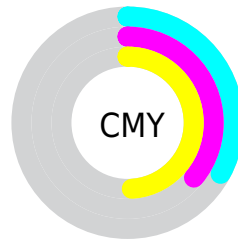


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (33%)



Cyan (33%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 163, 131 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, 163, 131 by changing the saturation by 10% instead.


 170, 163, 131


255, 255, 255

 226, 218, 184

 254, 246, 212

 255, 255, 240

 170, 163, 131

 143, 137, 106

 117, 111, 81

 92, 87, 58


 68, 64, 36


 46, 42, 15


 24, 22, 0

 0, 0, 0

 170, 163, 131

 170, 160, 114

 170, 163, 131

 170, 166, 148

■ 170, 157, 97

■ 170, 169, 165

■ 170, 154, 80

■ 170, 172, 182

■ 170, 151, 63

■ 170, 175, 199

■ 170, 148, 46

■ 170, 178, 216

■ 170, 145, 29

■ 170, 181, 233

■ 170, 142, 12

■ 170, 184, 250

■ 170, 139, 0

■ 170, 187, 255

■ 170, 190, 255

Harmonies

Analogous

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



185, 158, 133



170, 163, 131



152, 168, 137

Triad

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



170, 163, 131



120, 171, 182



188, 153, 174

Complementary

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



170, 163, 131



131, 138, 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.



171, 157, 187



170, 163, 131



131, 167, 192

Square

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



170, 163, 131



122, 172, 167



151, 162, 194



196, 151, 158

Rectangle

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



170, 163, 131



140, 170, 146



151, 162, 194



183, 154, 179

Sweetspot

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



170, 163, 131



222, 219, 206



170, 131, 138



112, 111, 103



240, 240, 240



112, 112, 112

Same Dimension

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



170, 163, 131



222, 211, 160



158, 170, 131



84, 83, 76



148, 121, 0



20, 17, 0

Inverse Universe

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



131, 138, 170



160, 171, 222



143, 131, 170



76, 77, 84



0, 27, 148



0, 4, 20

Previews

White Background



This preview shows how the RGB color 170, 163, 131 looks on a white background.

Color Contrast Check

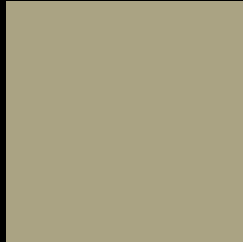
Large Text (above 18pt) WCAG AA × Fail

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, 163, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

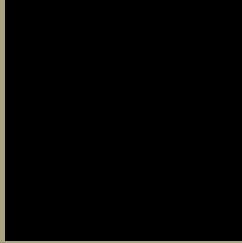
Any Text WCAG AA ✓ Pass

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, 163, 131 Background



This preview shows how black text looks on a background with the RGB color 170, 163, 131.



This preview shows how white text looks on a background with the RGB color 170, 163, 131.

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, 163, 131

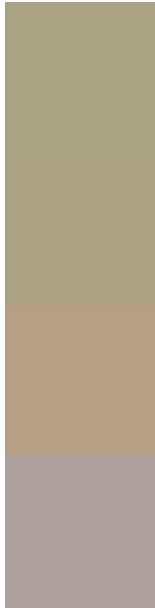
Protanopia
172, 162, 131

Deuteranopia
189, 156, 132



Tritanopia
175, 158, 170

Trichromacy



Original Color
170, 163, 131

Protanomaly
171, 162, 131

Deuteranomaly
182, 159, 132

Tritanomaly
173, 160, 156

Monochromacy



Original Color
170, 163, 131

Achromatopsia
161, 161, 161

Achromatomaly
164, 162, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 163, 131 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, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 163, 131)  
}
```

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, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 163, 131) }
```

Border

The CSS property to change the border of an element to RGB 170, 163, 131 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, 163, 131) }
```

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

```
.border{ border-color:rgb(170, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 163,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 170, 163, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 163, 131) }
```

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

```
.background{ background-color: rgb(170,  
163, 131) }
```

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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