

Converting Colors

RGB(165, 170, 163)

Have a look what the booklet for
RGB(165, 170, 163) contains.

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Color

RGB(165, 170, 163)

Conversions

Conversions Part 1

Format	Color
Hex	A5AAA3
RGB	165, 170, 163
RGB Percent	65%, 67%, 64%
CMY	0.3529, 0.3333, 0.3608
CMYK	0.03, 0.00, 0.04, 0.33
HSL	103°, 4%, 65%
HSV	103°, 4%, 67%
XYZ	36.5026, 39.3931, 40.3301
YIQ	167.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

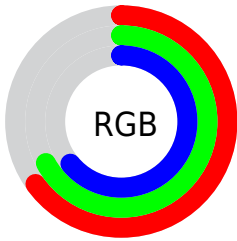
Format	Color
RYB	163, 170, 168
Decimal	10857123
CIELab	69.04, -3.09, 2.98
CIELCh	69, 4.293, 136.053
Yxy	39.3931, 0.3141, 0.3389
Android (android.graphics.Color)	4289047203 (0xFFA5AAA3)
YUV	167.7070, -2.3206, -2.3740
Hunter-Lab	62.7639, -6.0238, 5.8369

Details

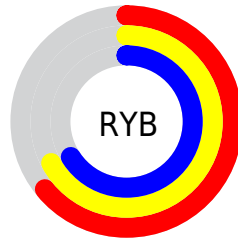
The RGB color **165, 170, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 163, 170**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **220, 225, 218**, and **113, 118, 111** is the 20% darker color. If you saturate the color by 10%, you get **153, 170, 146**, and if you desaturate by 10%, it is **177, 170, 180**.

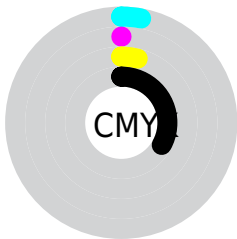
Distribution



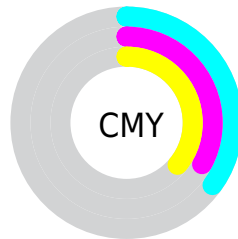
- Red (65%)
- Green (67%)
- Blue (64%)



- Red (64%)
- Yellow (67%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 170, 163 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 165, 170, 163 by changing the saturation by 10% instead.

■ 165, 170, 163

255, 255, 255

■ 220, 225, 218

■ 248, 254, 246

■ 165, 170, 163

■ 139, 144, 137

■ 113, 118, 111

■ 89, 93, 87

■ 65, 70, 64

■ 43, 47, 42

■ 23, 27, 21


■ 0, 0, 0

■ 165, 170, 163


■ 153, 170, 146


■ 165, 170, 163

■ 177, 170, 180

 141, 170, 129

 189, 170, 197

 129, 170, 112

 201, 170, 214


 116, 170, 95


 214, 170, 231


 104, 170, 78

 226, 170, 248

 92, 170, 61


 238, 170, 255

 80, 170, 44

 250, 170, 255

 68, 170, 27

 255, 170, 255

 56, 170, 10

Harmonies

Analogous

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



170, 169, 161



165, 170, 163



161, 171, 166

Triad

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



165, 170, 163



163, 169, 176



177, 166, 166

Complementary

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



165, 170, 163



168, 163, 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.



175, 166, 170



165, 170, 163



167, 168, 176

Square

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



165, 170, 163



160, 170, 174



172, 167, 174



177, 167, 163

Rectangle

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



165, 170, 163



160, 171, 169



172, 167, 174



177, 166, 168

Sweetspot

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



165, 170, 163



220, 222, 220



170, 168, 163



111, 112, 111



240, 240, 240



112, 112, 112

Same Dimension

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



165, 170, 163



214, 222, 211



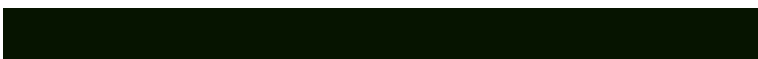
163, 170, 164



81, 84, 79



42, 148, 0



6, 20, 0

Inverse Universe

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



168, 163, 170



219, 211, 222



170, 163, 169



83, 79, 84



106, 0, 148



15, 0, 20

Previews

White Background



This preview shows how the RGB color 165, 170, 163 looks on a white background.

Color Contrast Check

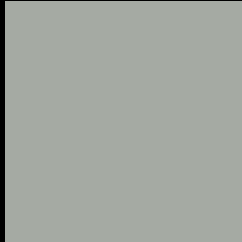
Large Text (above 18pt) WCAG AA × Fail

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 165, 170, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

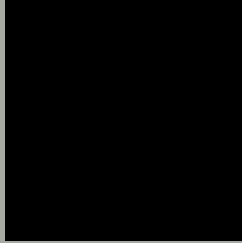
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

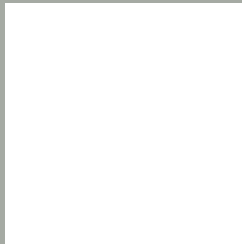
Any Text WCAG AAA ✓ Pass

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

RGB 165, 170, 163 Background



This preview shows how black text looks on a background with the RGB color 165, 170, 163.



This preview shows how white text looks on a background with the RGB color 165, 170, 163.

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
165, 170, 163

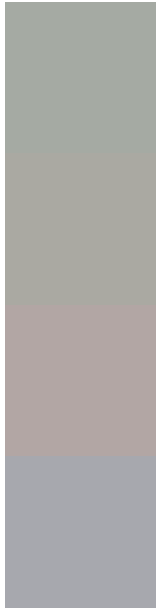
Protanopia
173, 168, 162

Deuteranopia
186, 163, 164



Tritanopia
168, 167, 181

Trichromacy



Original Color

165, 170, 163

Protanomaly

170, 169, 162

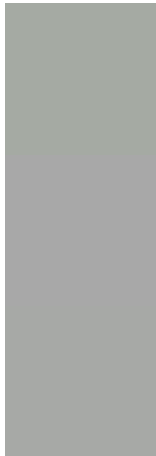
Deuteranomaly

178, 166, 164

Tritanomaly

167, 168, 174

Monochromacy



Original Color

165, 170, 163

Achromatopsia

168, 168, 168

Achromatomaly

167, 169, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 170, 163 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(165, 170, 163) looks like.

```
.text, #text, p{  
    color:rgb(165, 170, 163)  
}
```

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(165, 170, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 170, 163) }
```

Border

The CSS property to change the border of an element to RGB 165, 170, 163 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(165, 170, 163) }
```

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

```
.border{ border-color:rgb(165, 170, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 170, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 170,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 165, 170, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 170, 163) }
```

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

```
.background{ background-color: rgb(165,  
170, 163) }
```

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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