

Converting Colors

`RYB(161, 169, 157)`

Have a look what the booklet for RYB(161, 169, 157) contains.

RYB(161, 169, 157)	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

R_YB(161, 169, 157)

Conversions

Conversions Part 1

Format	Color
Hex	A9A69D
RGB	169, 166, 157
RGB Percent	66%, 65%, 62%
CMY	0.3373, 0.3490, 0.3843
CMYK	0.00, 0.02, 0.07, 0.34
HSL	45°, 7%, 64%
HSV	45°, 7%, 66%
XYZ	36.0842, 38.1418, 37.3585
YIQ	165.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

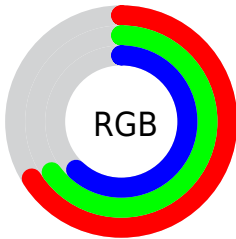
Format	Color
RYB	161, 169, 157
Decimal	11118237
CIELab	68.12, -0.56, 5.03
CIELCh	68, 5.060, 96.381
Yxy	38.1418, 0.3234, 0.3418
Android (android.graphics.Color)	4289308317 (0xFFA9A69D)
YUV	165.8710, -4.3734, 2.7441
Hunter-Lab	61.7590, -3.7853, 7.3663

Details

The RYB color **161, 169, 157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 159, 169**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **216, 224, 212**, and **110, 117, 106** is the 20% darker color. If you saturate the color by 10%, you get **149, 169, 140**, and if you desaturate by 10%, it is **169, 170, 174**.

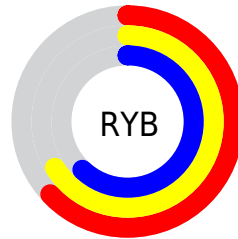
Distribution



Red (66%)

Green (65%)

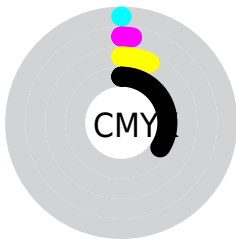
Blue (62%)



Red (63%)

Yellow (66%)

Blue (62%)

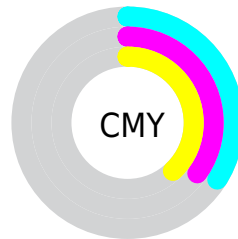


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (34%)



Cyan (34%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 169, 157 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 RYB color 161, 169, 157 by changing the saturation by 10% instead.


 161, 169, 157


255, 255, 255

 216, 224, 212

 244, 253, 240

 161, 169, 157

 135, 143, 131

 110, 117, 106


 85, 92, 82

 63, 69, 59


 40, 46, 37

 19, 26, 16

 0, 0, 0

 161, 169, 157

 149, 169, 140

 161, 169, 157

 169, 170, 174

■ 137, 169, 123

■ 169, 173, 191

■ 127, 169, 106

■ 169, 177, 208

■ 116, 169, 89

■ 169, 180, 225

■ 105, 169, 73

■ 169, 183, 241

■ 93, 169, 56

■ 169, 187, 255

■ 83, 169, 39

■ 169, 190, 255

■ 71, 169, 22

■ 169, 192, 255

■ 60, 169, 5

■ 169, 194, 255

Harmonies

Analogous

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



173, 171, 158



161, 169, 157



159, 167, 162

Triad

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



161, 169, 157



155, 162, 171



173, 163, 170

Complementary

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



161, 169, 157



157, 159, 169

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.



168, 165, 173



161, 169, 157



158, 164, 174

Square

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



161, 169, 157



156, 163, 169



163, 165, 175



176, 163, 165

Rectangle

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



161, 169, 157



160, 167, 168



163, 165, 175



172, 164, 171

Sweetspot

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



161, 169, 157



216, 219, 215



169, 157, 160



109, 110, 107



237, 237, 237



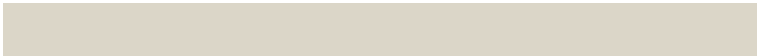
110, 110, 110

Same Dimension

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



161, 169, 157



207, 219, 200



157, 169, 160



79, 84, 76



49, 148, 0



7, 20, 0

Inverse Universe

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



157, 159, 169



200, 203, 219



160, 157, 169



76, 78, 84



0, 30, 148



0, 4, 20

Previews

White Background



This preview shows how the RYB color 161, 169, 157 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 161, 169, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

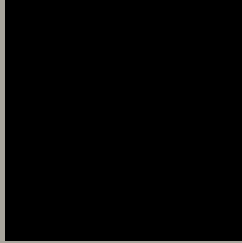
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

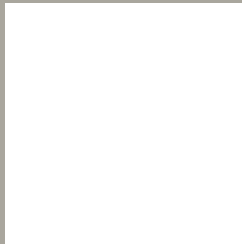
Any Text WCAG AAA ✓ Pass

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

RYB 161, 169, 157 Background



This preview shows how black text looks on a background with the RYB color 161, 169, 157.



This preview shows how white text looks on a background with the RYB color 161, 169, 157.

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
161, 169, 157

Protanopia
168, 171, 157

Deuteranopia
185, 160, 158



Tritanopia

172, 163, 176

Trichromacy



Original Color

161, 169, 157

Protanomaly

165, 170, 157

Deuteranomaly

179, 163, 158

Tritanomaly

171, 164, 169

Monochromacy



Original Color

161, 169, 157

Achromatopsia

166, 166, 166

Achromatomaly

164, 167, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 169, 157 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(169, 166, 157) looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 157)  
}
```

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(169, 166, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 157) }
```

Border

The CSS property to change the border of an element to RYB 161, 169, 157 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(169, 166, 157) }
```

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

```
.border{ border-color:rgb(169, 166, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 166, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 157);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 161, 169, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 157) }
```

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

```
.background{ background-color: rgb(169,  
166, 157) }
```

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