

Converting Colors

`RYB(157, 169, 147)`

Have a look what the booklet for
RYB(157, 169, 147) contains.

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Color

R_YB(157, 169, 147)

Conversions

Conversions Part 1

Format	Color
Hex	A9A293
RGB	169, 162, 147
RGB Percent	66%, 64%, 58%
CMY	0.3373, 0.3642, 0.4235
CMYK	0.00, 0.04, 0.13, 0.34
HSL	41°, 11%, 62%
HSV	41°, 13%, 66%
XYZ	34.5710, 36.4263, 32.8127
YIQ	162.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

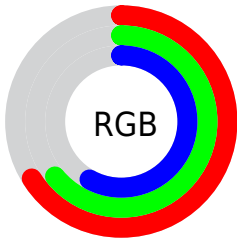
Format	Color
RYB	157, 169, 147
Decimal	11117203
CIELab	66.84, -0.18, 8.75
CIElCh	67, 8.749, 91.152
Yxy	36.4263, 0.3330, 0.3509
Android (android.graphics.Color)	4289307283 (0xFFA9A293)
YUV	162.3830, -7.5838, 5.8031
Hunter-Lab	60.3542, -3.3748, 10.0139

Details

The RYB color **157, 169, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 152, 169**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **211, 224, 201**, and **107, 117, 96** is the 20% darker color. If you saturate the color by 10%, you get **147, 169, 130**, and if you desaturate by 10%, it is **167, 169, 164**.

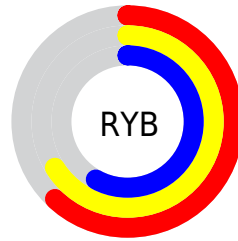
Distribution



Red (66%)

Green (64%)

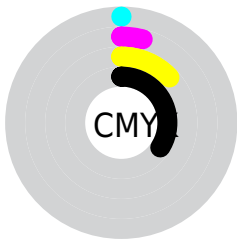
Blue (58%)



Red (62%)

Yellow (66%)

Blue (58%)

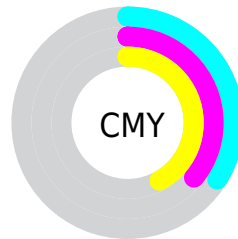


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 169, 147 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 157, 169, 147 by changing the saturation by 10% instead.

 157, 169, 147

255, 255, 255

 211, 224, 201

 241, 253, 229

 157, 169, 147

 129, 142, 121

 104, 117, 96


 82, 92, 73


 57, 68, 50


 36, 46, 29

 10, 26, 4


 0, 0, 0

 157, 169, 147


 147, 169, 130

 157, 169, 147


 167, 169, 164

 137, 169, 113


 169, 172, 181


 130, 169, 96


 169, 176, 198

 120, 169, 79

 169, 180, 215

 110, 169, 62


 169, 184, 231

 103, 169, 46

 169, 188, 248

 93, 169, 29

 169, 191, 255

 83, 169, 12

 169, 194, 255

 77, 169, 0

 169, 197, 255

Harmonies

Analogous

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



176, 168, 149



157, 169, 147



149, 165, 154

Triad

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



157, 169, 147



143, 156, 170



173, 158, 170

Complementary

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



157, 169, 147



147, 152, 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.



165, 161, 176



157, 169, 147



147, 158, 176

Square

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



157, 169, 147



145, 157, 167



155, 161, 178



179, 157, 163

Rectangle

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



157, 169, 147



153, 166, 165



155, 161, 178



171, 159, 173

Sweetspot

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



157, 169, 147



214, 219, 211



169, 147, 154



107, 110, 104



237, 237, 237



110, 110, 110

Same Dimension

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



157, 169, 147



200, 219, 184



147, 169, 151



79, 84, 76



67, 148, 0



9, 20, 0

Inverse Universe

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



147, 152, 169



184, 192, 219



151, 147, 169



76, 78, 84



0, 35, 148



0, 5, 20

Previews

White Background



This preview shows how the RYB color 157, 169, 147 looks on a white background.

Color Contrast Check

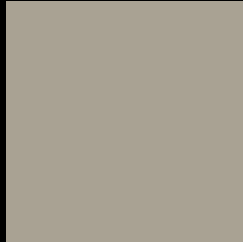
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 157, 169, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

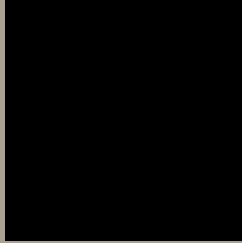
Any Text WCAG AA ✓ Pass

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 157, 169, 147 Background



This preview shows how black text looks on a background with the RYB color 157, 169, 147.



This preview shows how white text looks on a background with the RYB color 157, 169, 147.

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
157, 169, 147

Protanopia
157, 169, 147

Deuteranopia
184, 160, 148



Tritanopia
172, 159, 171

Trichromacy



Original Color
157, 169, 147

Protanomaly
157, 169, 147

Deuteranomaly
179, 165, 148

Tritanomaly
171, 160, 162

Monochromacy



Original Color
157, 169, 147

Achromatopsia
162, 162, 162

Achromatomaly
162, 165, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 169, 147 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, 162, 147) looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 147)  
}
```

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, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 147) }
```

Border

The CSS property to change the border of an element to RYB 157, 169, 147 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, 162, 147) }
```

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

```
.border{ border-color:rgb(169, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 157, 169, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 147) }
```

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

```
.background{ background-color: rgb(169,  
162, 147) }
```

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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