

Converting Colors

`RYB(158, 161, 149)`

Have a look what the booklet for
RYB(158, 161, 149) contains.

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Color

R_YB(158, 161, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A19C95
RGB	161, 156, 149
RGB Percent	63%, 61%, 58%
CMY	0.3686, 0.3888, 0.4157
CMYK	0.00, 0.03, 0.07, 0.37
HSL	34°, 6%, 61%
HSV	34°, 7%, 63%
XYZ	31.9873, 33.4760, 33.2094
YIQ	156.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

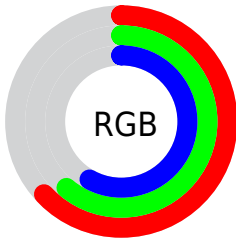
Format	Color
RYB	158, 161, 149
Decimal	10591381
CIELab	64.54, 0.61, 4.24
CIELCh	65, 4.288, 81.757
Yxy	33.4760, 0.3242, 0.3393
Android (android.graphics.Color)	4288781461 (0xFFA19C95)
YUV	156.6970, -3.7946, 3.7737
Hunter-Lab	57.8585, -2.5679, 6.4699

Details

The RYB color **158, 161, 149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 153, 161**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **214, 216, 203**, and **104, 109, 98** is the 20% darker color. If you saturate the color by 10%, you get **154, 161, 133**, and if you desaturate by 10%, it is **161, 162, 165**.

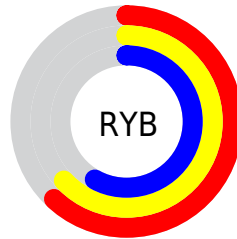
Distribution



Red (63%)

Green (61%)

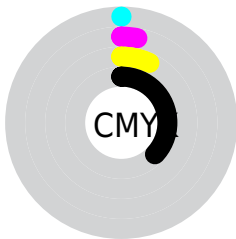
Blue (58%)



Red (62%)

Yellow (63%)

Blue (58%)

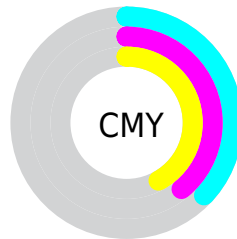


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 161, 149 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 158, 161, 149 by changing the saturation by 10% instead.


 158, 161, 149

255, 255, 255

 214, 216, 203

 239, 244, 231

 158, 161, 149

 132, 135, 123

 104, 109, 98

 82, 85, 75


 59, 62, 52

 38, 40, 31


 14, 20, 6

 0, 0, 0

 158, 161, 149

 154, 161, 133

 158, 161, 149

 161, 162, 165

■ 150, 161, 117

■ 161, 167, 181

■ 147, 161, 101

■ 161, 172, 197

■ 143, 161, 85

■ 161, 176, 213

■ 140, 161, 69

■ 161, 181, 230

■ 135, 161, 52

■ 161, 186, 246

■ 128, 161, 36

■ 161, 191, 255

■ 124, 161, 20

■ 161, 194, 255

■ 121, 161, 4

■ 161, 196, 255

Harmonies

Analogous

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



164, 157, 151



158, 161, 149



149, 157, 149

Triad

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



158, 161, 149



147, 153, 159



161, 155, 161

Complementary

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



158, 161, 149



149, 153, 161

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.



156, 156, 164



158, 161, 149



148, 154, 162

Square

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



158, 161, 149



149, 155, 159



152, 156, 164



164, 154, 158

Rectangle

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



158, 161, 149



151, 158, 155



152, 156, 164



159, 155, 162

Sweetspot

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



158, 161, 149



209, 209, 205



161, 149, 154



104, 105, 102



232, 232, 232



105, 105, 105

Same Dimension

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



158, 161, 149



204, 209, 190



149, 161, 150



80, 82, 73



108, 145, 0



14, 18, 0

Inverse Universe

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



149, 153, 161



190, 196, 209



150, 149, 161



73, 76, 82



0, 43, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 158, 161, 149 looks on a white background.

Color Contrast Check

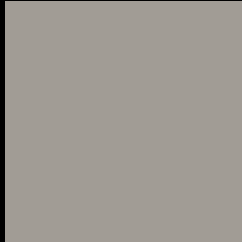
Large Text (above 18pt) WCAG AA × Fail

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 158, 161, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

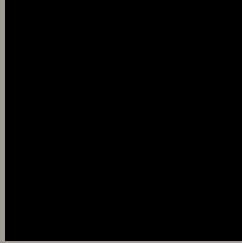
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

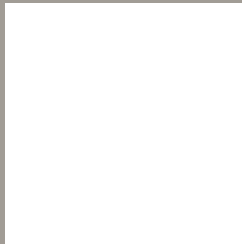
Any Text WCAG AAA ✓ Pass

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

RYB 158, 161, 149 Background



This preview shows how black text looks on a background with the RYB color 158, 161, 149.



This preview shows how white text looks on a background with the RYB color 158, 161, 149.

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
158, 161, 149

Protanopia
158, 161, 149

Deuteranopia
174, 151, 150



Tritanopia
163, 153, 165

Trichromacy



Original Color

158, 161, 149

Protanomaly

158, 161, 149

Deuteranomaly

169, 154, 150

Tritanomaly

162, 154, 159

Monochromacy



Original Color

158, 161, 149

Achromatopsia

157, 157, 157

Achromatomaly

155, 158, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 161, 149 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(161, 156, 149) looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 149)  
}
```

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(161, 156, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 149) }
```

Border

The CSS property to change the border of an element to RYB 158, 161, 149 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(161, 156, 149) }
```

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

```
.border{ border-color:rgb(161, 156, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 156, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 156, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 156, 149); box-shadow:4px 4px 4px 4px rgb(161, 156, 149) }
```

Background

The CSS property to change the background color of an element to RYB 158, 161, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 149) }
```

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

```
.background{ background-color: rgb(161,  
156, 149) }
```

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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