

Converting Colors

`RYB(161, 149, 149)`

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

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Color

R_YB(161, 149, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A19595
RGB	161, 149, 149
RGB Percent	63%, 58%, 58%
CMY	0.3686, 0.4157, 0.4157
CMYK	0.00, 0.07, 0.07, 0.37
HSL	0°, 6%, 61%
HSV	0°, 7%, 63%
XYZ	30.8702, 31.2419, 32.8370
YIQ	152.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

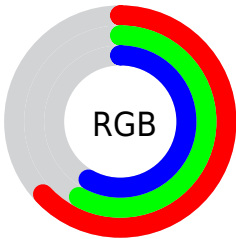
Format	Color
R _{YB}	161, 149, 149
Decimal	10589589
CIE Lab	62.71, 4.42, 1.59
CIE LCh	63, 4.696, 19.760
Yxy	31.2419, 0.3251, 0.3290
Android (android.graphics.Color)	4288779669 (0xFFA19595)
YUV	152.5880, -1.7689, 7.3773
Hunter-Lab	55.8944, 0.7693, 4.2943

Details

The RYB color **161, 149, 149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 155, 161**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **216, 203, 203**, and **109, 98, 98** is the 20% darker color. If you saturate the color by 10%, you get **161, 133, 133**, and if you desaturate by 10%, it is **161, 163, 165**.

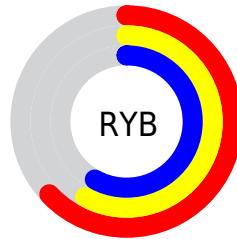
Distribution



Red (63%)

Green (58%)

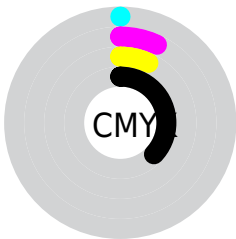
Blue (58%)



Red (63%)

Yellow (58%)

Blue (58%)

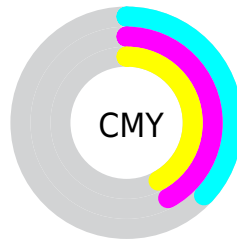


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (37%)



Cyan (37%)


Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

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

 161, 149, 149

255, 255, 255

 216, 203, 203

 244, 231, 231


 161, 149, 149

 135, 123, 123

 109, 98, 98


 85, 75, 75


 62, 52, 52


 40, 31, 31


 20, 6, 6


 0, 0, 0


 161, 149, 149


 161, 133, 133


 161, 149, 149

 161, 163, 165


 161, 117, 117

 161, 171, 181


 161, 101, 101

 161, 179, 197


 161, 85, 85

 161, 187, 213


 161, 69, 69

 161, 196, 230

 161, 52, 52

 161, 204, 246

 161, 36, 36

 161, 208, 255

 161, 20, 20

 161, 4, 4

Harmonies

Analogous

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



160, 149, 153



161, 149, 149



160, 153, 145

Triad

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



161, 149, 149



146, 153, 152



146, 150, 160

Complementary

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



161, 149, 149



149, 155, 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.



143, 149, 158



161, 149, 149



143, 150, 154

Square

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



161, 149, 149



144, 152, 144



142, 148, 154



151, 151, 159

Rectangle

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



161, 149, 149



158, 155, 144



142, 148, 154



145, 150, 159

Sweetspot

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



161, 149, 149



209, 205, 205



161, 149, 161



105, 102, 102



232, 232, 232



105, 105, 105

Same Dimension

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



161, 149, 149



209, 190, 190



161, 161, 149



82, 73, 73



145, 0, 0



18, 0, 0

Inverse Universe

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



149, 155, 161



190, 200, 209



149, 153, 161



73, 78, 82



0, 73, 145



0, 9, 18

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

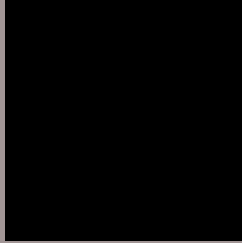
Any Text WCAG AA ✓ Pass

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 161, 149, 149 Background



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



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

161, 149, 149

Protanopia

155, 151, 150

Deuteranopia

167, 147, 149



Tritanopia
162, 147, 159

Trichromacy



Original Color

161, 149, 149

Protanomaly

157, 150, 150

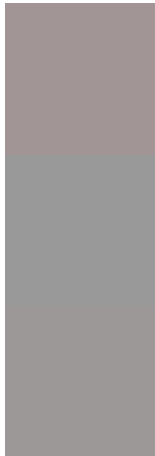
Deuteranomaly

165, 148, 149

Tritanomaly

162, 148, 155

Monochromacy



Original Color

161, 149, 149

Achromatopsia

153, 153, 153

Achromatomaly

156, 152, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 149, 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, 149, 149) looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 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, 149, 149) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(161, 149, 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, 149, 149)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 161, 149, 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, 149, 149) }
```

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

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