

Converting Colors

`RYB(161, 151, 171)`

Have a look what the booklet for
RYB(161, 151, 171) contains.

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Color

R_YB(161, 151, 171)

Conversions

Conversions Part 1

Format	Color
Hex	A197AB
RGB	161, 151, 171
RGB Percent	63%, 59%, 67%
CMY	0.3686, 0.4078, 0.3294
CMYK	0.06, 0.12, 0.00, 0.33
HSL	270°, 11%, 63%
HSV	270°, 12%, 67%
XYZ	33.1152, 32.6506, 43.0849
YIQ	156.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

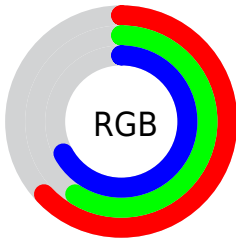
Format	Color
RYB	161, 151, 171
Decimal	10590123
CIELab	63.88, 7.53, -9.11
CIElCh	64, 11.823, 309.580
Yxy	32.6506, 0.3042, 0.3000
Android (android.graphics.Color)	4288780203 (0xFFA197AB)
YUV	156.2700, 7.2619, 4.1482
Hunter-Lab	57.1407, 3.4515, -4.7071

Details

The RYB color **161, 151, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 171, 161**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **216, 205, 226**, and **109, 100, 119** is the 20% darker color. If you saturate the color by 10%, you get **152, 134, 171**, and if you desaturate by 10%, it is **170, 168, 171**.

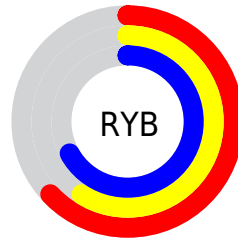
Distribution



Red (63%)

Green (59%)

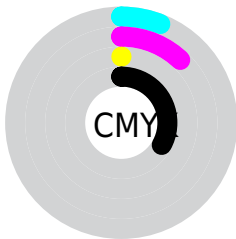
Blue (67%)



Red (63%)

Yellow (59%)

Blue (67%)

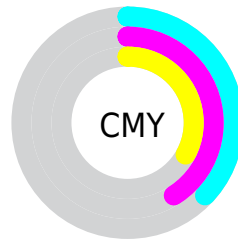


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (37%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 151, 171 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, 151, 171 by changing the saturation by 10% instead.

■ 161, 151, 171

255, 255, 255

■ 216, 205, 226

■ 244, 233, 255

■ 161, 151, 171

■ 135, 125, 144

■ 109, 100, 119

■ 85, 76, 94

■ 62, 54, 70

■ 40, 32, 48

■ 20, 9, 27

■ 0, 0, 0

■ 161, 151, 171

■ 152, 134, 171

■ 161, 151, 171

■ 170, 168, 171

■ 144, 117, 171

■ 171, 185, 178

■ 135, 100, 171

■ 171, 202, 186

■ 127, 83, 171

■ 171, 219, 195

■ 118, 66, 171

■ 171, 236, 203

■ 110, 48, 171

■ 171, 254, 213

■ 101, 31, 171

■ 171, 255, 205

■ 93, 14, 171

■ 171, 255, 197

■ 85, 0, 171

■ 171, 255, 188

Harmonies

Analogous

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



148, 153, 175



161, 151, 171



172, 148, 162

Triad

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



161, 151, 171



170, 168, 135



129, 146, 161

Complementary

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



161, 151, 171



151, 171, 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.



136, 152, 160



161, 151, 171



140, 160, 134

Square

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



161, 151, 171



176, 151, 142



138, 158, 148



129, 146, 168

Rectangle

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



161, 151, 171



176, 148, 155



138, 158, 148



131, 148, 161

Sweetspot

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



161, 151, 171



217, 213, 222



151, 158, 171



109, 107, 112



240, 240, 240



112, 112, 112

Same Dimension

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



161, 151, 171



206, 191, 222



171, 151, 171



82, 78, 87



75, 0, 150



11, 0, 23

Inverse Universe

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



171, 151, 161



222, 191, 206



151, 171, 171



87, 78, 82



150, 0, 75



23, 0, 11

Previews

White Background



This preview shows how the RYB color 161, 151, 171 looks on a white background.

Color Contrast Check

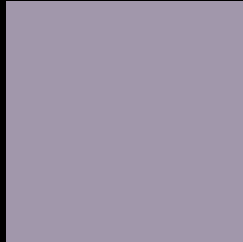
Large Text (above 18pt) WCAG AA × Fail

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, 151, 171 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](#).

R/Y/B 161, 151, 171 Background



This preview shows how black text looks on a background with the R/Y/B color 161, 151, 171.



This preview shows how white text looks on a background with the R/Y/B color 161, 151, 171.

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, 151, 171

Protanopia
152, 154, 173

Deuteranopia
162, 151, 171



Tritanopia
160, 152, 164

Trichromacy



Original Color

161, 151, 171

Protanomaly

155, 153, 172

Deuteranomaly

162, 151, 171

Tritanomaly

160, 152, 167

Monochromacy



Original Color

161, 151, 171

Achromatopsia

156, 156, 156

Achromatomaly

158, 154, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 151, 171 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, 151, 171) looks like.

```
.text, #text, p{  
    color:rgb(161, 151, 171)  
}
```

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, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 151, 171) }
```

Border

The CSS property to change the border of an element to RYB 161, 151, 171 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, 151, 171) }
```

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

```
.border{ border-color:rgb(161, 151, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 151,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 161, 151, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 151, 171) }
```

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

```
.background{ background-color: rgb(161,  
151, 171) }
```

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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