

Converting Colors

`RYB(171, 159, 190)`

Have a look what the booklet for
RYB(171, 159, 190) contains.

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Color

R_YB(171, 159, 190)

Conversions

Conversions Part 1

Format	Color
Hex	AB9FBE
RGB	171, 159, 190
RGB Percent	67%, 62%, 75%
CMY	0.3294, 0.3765, 0.2549
CMYK	0.10, 0.16, 0.00, 0.25
HSL	263°, 19%, 68%
HSV	263°, 16%, 75%
XYZ	38.4870, 37.1719, 53.8616
YIQ	166.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

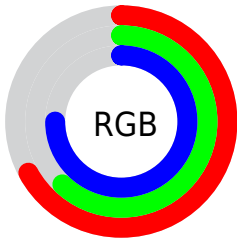
Format	Color
RYB	171, 159, 190
Decimal	11247550
CIELab	67.41, 10.40, -14.37
CIElCh	67, 17.741, 305.896
Yxy	37.1719, 0.2971, 0.2870
Android (android.graphics.Color)	4289437630 (0xFFAB9FBE)
YUV	166.1220, 11.7719, 4.2780
Hunter-Lab	60.9688, 5.9841, -9.7004

Details

The RYB color **171, 159, 190** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159, 190, 171**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **226, 214, 246**, and **119, 108, 137** is the 20% darker color. If you saturate the color by 10%, you get **159, 140, 190**, and if you desaturate by 10%, it is **183, 178, 190**.

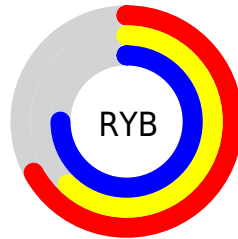
Distribution



Red (67%)

Green (62%)

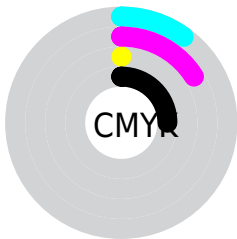
Blue (75%)



Red (67%)

Yellow (62%)

Blue (75%)

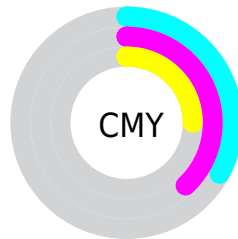


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 159, 190 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 171, 159, 190 by changing the saturation by 10% instead.


 171, 159, 190


255, 255, 255

 226, 214, 246

 255, 242, 255

 171, 159, 190


 144, 133, 163


 119, 108, 137

 94, 83, 111

 70, 60, 87

 47, 38, 63

 26, 18, 41

 0, 1, 21

 0, 0, 0

 171, 159, 190

 171, 159, 190

159, 140, 190

183, 178, 190

148, 121, 190

190, 197, 193

136, 102, 190

190, 216, 200

124, 83, 190

190, 235, 207

113, 64, 190

190, 254, 215

101, 45, 190

190, 255, 204

89, 26, 190

190, 255, 192

78, 7, 190

190, 255, 190

74, 0, 190

Harmonies

Analogous

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



150, 161, 196



171, 159, 190



188, 155, 177

Triad

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



171, 159, 190



188, 179, 135



125, 151, 173

Complementary

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



171, 159, 190



159, 190, 171

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.



138, 163, 172



171, 159, 190



144, 173, 132

Square

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



171, 159, 190



197, 157, 146



138, 169, 152



121, 149, 182

Rectangle

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



171, 159, 190



195, 153, 167



138, 169, 152



128, 154, 173

Sweetspot

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



171, 159, 190



240, 235, 247



159, 171, 190



120, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



171, 159, 190



217, 198, 247



186, 159, 190



89, 85, 94



61, 0, 158



12, 0, 31

Inverse Universe

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



190, 159, 178



247, 198, 228



159, 190, 186



94, 85, 91



158, 0, 97



31, 0, 19

Previews

White Background



This preview shows how the RYB color 171, 159, 190 looks on a white background.

Color Contrast Check

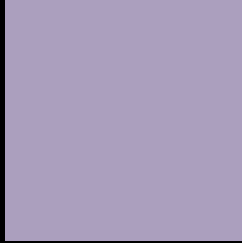
Large Text (above 18pt) WCAG AA × Fail

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 171, 159, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

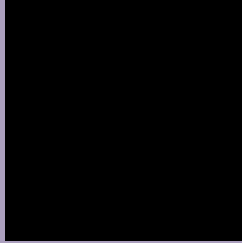
Any Text WCAG AA ✓ Pass

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 171, 159, 190 Background



This preview shows how black text looks on a background with the RYB color 171, 159, 190.



This preview shows how white text looks on a background with the RYB color 171, 159, 190.

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
171, 159, 190

Protanopia
158, 162, 192

Deuteranopia
168, 160, 190



Tritanopia
168, 162, 174

Trichromacy



Original Color

171, 159, 190

Protanomaly

163, 162, 191

Deuteranomaly

169, 160, 190

Tritanomaly

169, 161, 180

Monochromacy



Original Color

171, 159, 190

Achromatopsia

166, 166, 166

Achromatomaly

168, 163, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 159, 190 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(171, 159, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 190)  
}
```

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(171, 159, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 190) }
```

Border

The CSS property to change the border of an element to RYB 171, 159, 190 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(171, 159, 190) }
```

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

```
.border{ border-color:rgb(171, 159, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 171, 159, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 190) }
```

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

```
.background{ background-color: rgb(171,  
159, 190) }
```

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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