

Converting Colors

`RYB(193, 159, 171)`

Have a look what the booklet for RYB(193, 159, 171) contains.

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Color

$\text{RYB}(193, 159, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	C19FAB
RGB	193, 159, 171
RGB Percent	76%, 62%, 67%
CMY	0.2431, 0.3765, 0.3294
CMYK	0.00, 0.18, 0.11, 0.24
HSL	339°, 22%, 69%
HSV	339°, 18%, 76%
XYZ	41.7411, 39.0740, 43.8701
YIQ	170.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

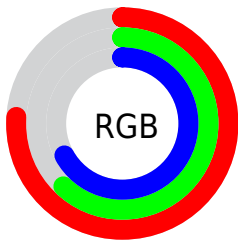
Format	Color
RYB	193, 159, 171
Decimal	12689323
CIELab	68.80, 14.52, -1.50
CIELCh	69, 14.593, 354.090
Yxy	39.0740, 0.3348, 0.3134
Android (android.graphics.Color)	4290879403 (0xFFC19FAB)
YUV	170.5340, 0.2297, 19.7027
Hunter-Lab	62.5092, 9.8040, 2.1456

Details

The RYB color **193, 159, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 180, 193**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **250, 214, 226**, and **139, 107, 119** is the 20% darker color. If you saturate the color by 10%, you get **193, 140, 159**, and if you desaturate by 10%, it is **193, 178, 183**.

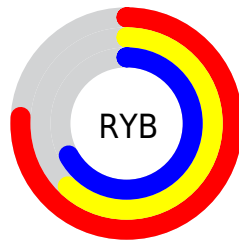
Distribution



Red (76%)

Green (62%)

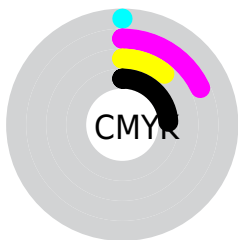
Blue (67%)



Red (76%)

Yellow (62%)

Blue (67%)

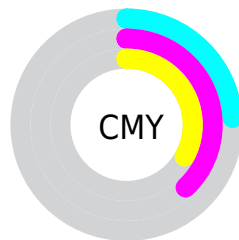


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 159, 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 193, 159, 171 by changing the saturation by 10% instead.


 193, 159, 171

255, 255, 255

 250, 214, 226

 255, 242, 255

 193, 159, 171

 166, 133, 145

 139, 107, 119

 113, 83, 94

 89, 60, 71


 65, 38, 48

 42, 17, 27

 21, 0, 0


 0, 0, 0


 193, 159, 171

 193, 159, 171

 193, 140, 159

 193, 178, 183

 193, 120, 146


 193, 196, 198

 193, 101, 134

 193, 208, 217

 193, 82, 121

 193, 219, 236

 193, 63, 109

 193, 231, 255

 193, 43, 96

 193, 226, 255

 193, 24, 84

 193, 224, 255

 193, 5, 71

 193, 0, 68

Harmonies

Analogous

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



183, 161, 184



193, 159, 171



196, 159, 158

Triad

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



193, 159, 171



144, 170, 147



138, 159, 189

Complementary

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



193, 159, 171



159, 180, 193

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.



134, 155, 178



193, 159, 171



152, 174, 174

Square

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



193, 159, 171



166, 181, 142



139, 161, 176



150, 164, 194

Rectangle

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



193, 159, 171



194, 165, 150



139, 161, 176



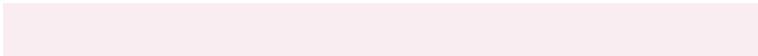
135, 157, 186

Sweetspot

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



193, 159, 171



250, 237, 242



181, 159, 193



125, 117, 120



252, 252, 252



125, 125, 125

Same Dimension

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



193, 159, 171



250, 197, 216



193, 165, 159



97, 87, 91



161, 0, 57



33, 0, 12

Inverse Universe

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



193, 159, 171



250, 197, 216



159, 175, 193



97, 87, 91



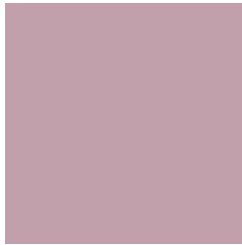
161, 0, 57



33, 0, 12

Previews

White Background



This preview shows how the RYB color 193, 159, 171 looks on a white background.

Color Contrast Check

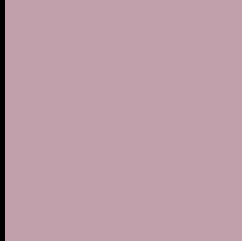
Large Text (above 18pt) WCAG AA × Fail

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 193, 159, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

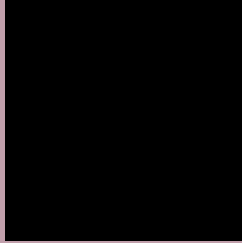
Any Text WCAG AA ✓ Pass

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](#).

RYP 193, 159, 171 Background



This preview shows how black text looks on a background with the RYB color 193, 159, 171.



This preview shows how white text looks on a background with the RYB color 193, 159, 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
193, 159, 171

Protanopia
169, 167, 176

Deuteranopia
183, 163, 170



Tritanopia
193, 159, 171

Trichromacy



Original Color
193, 159, 171

Protanomaly
178, 164, 174

Deuteranomaly
187, 162, 170

Tritanomaly
193, 159, 171

Monochromacy



Original Color
193, 159, 171

Achromatopsia
171, 171, 171

Achromatomaly
179, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 159, 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(193, 159, 171) looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 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(193, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 171) }
```

Border

The CSS property to change the border of an element to RYB 193, 159, 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(193, 159, 171) }
```

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

```
.border{ border-color:rgb(193, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 193, 159, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 171) }
```

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

```
.background{ background-color: rgb(193,  
159, 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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