

Converting Colors

`RYB(201, 163, 159)`

Have a look what the booklet for
RYB(201, 163, 159) contains.

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Color

R_YB(201, 163, 159)

Conversions

Conversions Part 1

Format	Color
Hex	C9A39F
RGB	201, 163, 159
RGB Percent	79%, 64%, 62%
CMY	0.2118, 0.3621, 0.3765
CMYK	0.00, 0.19, 0.21, 0.21
HSL	5°, 28%, 71%
HSV	5°, 21%, 79%
XYZ	43.3809, 40.9917, 38.4267
YIQ	173.9060, 23.9320, 6.8120

Conversions

Conversions Part 2

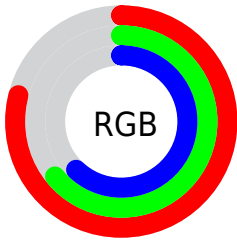
Format	Color
R_{YB}	201, 163, 159
Decimal	13214623
CIE _{Lab}	70.17, 13.54, 7.23
CIE _{LCh}	70, 15.354, 28.103
Yxy	40.9917, 0.3533, 0.3338
Android (android.graphics.Color)	4291404703 (0xFFC9A39F)
YUV	173.9060, -7.3487, 23.7614
Hunter-Lab	64.0248, 8.9018, 9.2324

Details

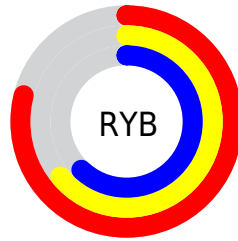
The RYB color **201, 163, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 179, 201**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 218, 214**, and **146, 111, 108** is the 20% darker color. If you saturate the color by 10%, you get **201, 144, 139**, and if you desaturate by 10%, it is **201, 181, 179**.

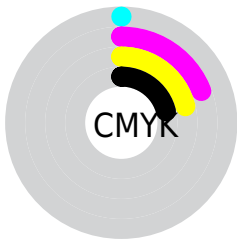
Distribution



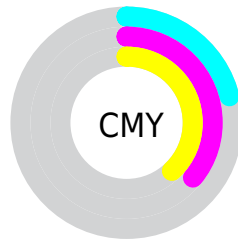
- Red (79%)
- Green (64%)
- Blue (62%)



- Red (79%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (21%)





- Cyan (21%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 163, 159 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 201, 163, 159 by changing the saturation by 10% instead.

 201, 163, 159

 201, 163, 159

255, 255, 255

 173, 136, 133

 255, 218, 214


 146, 111, 108

 255, 248, 242

 120, 86, 83


 95, 63, 60


 70, 41, 39


 47, 20, 18


 27, 0, 1


 0, 0, 0


 201, 163, 159


 201, 163, 159

 201, 144, 139


 201, 181, 179

 201, 127, 119


 201, 199, 199


 201, 109, 99


 201, 210, 219


 201, 90, 79


 201, 219, 239

 201, 72, 59

 201, 228, 255

 201, 55, 38

 201, 228, 255

 201, 36, 18

 201, 19, 0

Harmonies

Analogous

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



199, 162, 173



201, 163, 159



195, 177, 148

Triad

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



201, 163, 159



152, 175, 178



155, 168, 199

Complementary

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



201, 163, 159



159, 179, 201

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.



141, 163, 195



201, 163, 159



140, 163, 180

Square

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



201, 163, 159



147, 175, 154



135, 158, 184



173, 168, 196

Rectangle

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



201, 163, 159



179, 188, 145



135, 158, 184



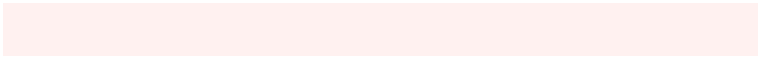
150, 166, 198

Sweetspot

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



201, 163, 159



255, 241, 240



201, 159, 198



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



201, 163, 159



255, 198, 191



188, 201, 159



99, 90, 90



163, 15, 0



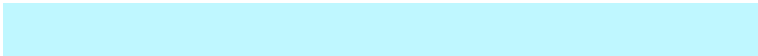
36, 3, 0

Inverse Universe

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



159, 179, 201



191, 221, 255



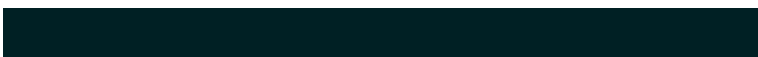
159, 172, 201



90, 95, 99



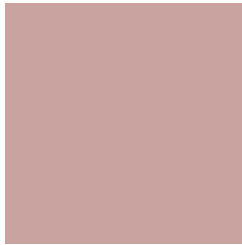
0, 78, 163



0, 17, 36

Previews

White Background



This preview shows how the RYB color 201, 163, 159 looks on a white background.

Color Contrast Check

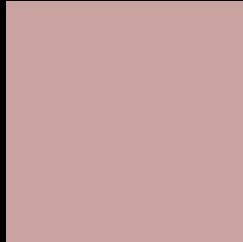
Large Text (above 18pt) WCAG AA × Fail

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 201, 163, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

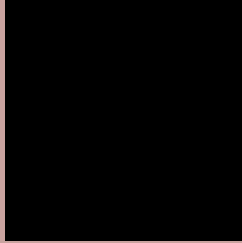
Any Text WCAG AA ✓ Pass

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 201, 163, 159 Background



This preview shows how black text looks on a background with the RYB color 201, 163, 159.



This preview shows how white text looks on a background with the RYB color 201, 163, 159.

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
201, 163, 159

Protanopia
175, 177, 164

Deuteranopia
193, 168, 158



Tritanopia
203, 161, 173

Trichromacy



Original Color

201, 163, 159

Protanomaly

186, 170, 162

Deuteranomaly

196, 167, 158

Tritanomaly

202, 162, 168

Monochromacy



Original Color

201, 163, 159

Achromatopsia

174, 174, 174

Achromatomaly

184, 170, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 163, 159 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(201, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 159)  
}
```

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(201, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 159) }
```

Border

The CSS property to change the border of an element to RYB 201, 163, 159 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(201, 163, 159) }
```

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

```
.border{ border-color:rgb(201, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 201, 163, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 159) }
```

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

```
.background{ background-color: rgb(201,  
163, 159) }
```

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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