

Converting Colors

`RYB(196, 159, 171)`

Have a look what the booklet for
RYB(196, 159, 171) contains.

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Color

R_YB(196, 159, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C49FAB
RGB	196, 159, 171
RGB Percent	77%, 62%, 67%
CMY	0.2314, 0.3765, 0.3294
CMYK	0.00, 0.19, 0.13, 0.23
HSL	341°, 24%, 70%
HSV	341°, 19%, 77%
XYZ	42.5138, 39.4723, 43.9063
YIQ	171.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

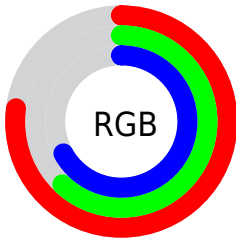
Format	Color
RYB	196, 159, 171
Decimal	12885931
CIELab	69.09, 15.61, -1.05
CIELCh	69, 15.644, 356.159
Yxy	39.4723, 0.3377, 0.3135
Android (android.graphics.Color)	4291076011 (0xFFC49FAB)
YUV	171.4310, -0.2125, 21.5470
Hunter-Lab	62.8270, 10.8402, 2.5444

Details

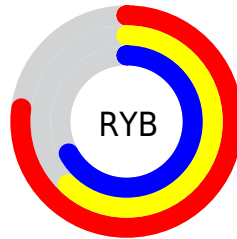
The RYB color **196, 159, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 181, 196**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **253, 214, 226**, and **142, 107, 119** is the 20% darker color. If you saturate the color by 10%, you get **196, 139, 158**, and if you desaturate by 10%, it is **196, 179, 184**.

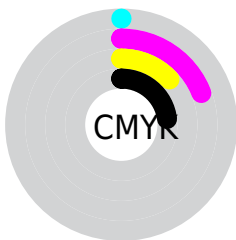
Distribution



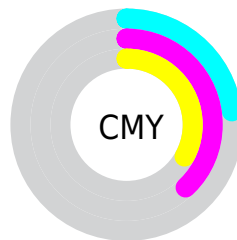
- Red (77%)
- Green (62%)
- Blue (67%)



- Red (77%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 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 196, 159, 171 by changing the saturation by 10% instead.


 196, 159, 171

255, 255, 255

 253, 214, 226


 255, 242, 255

 196, 159, 171

 169, 133, 145

 142, 107, 119

 116, 83, 94

 91, 60, 71


 67, 38, 48

 44, 17, 27

 24, 0, 1

 0, 0, 0

 196, 159, 171

 196, 159, 171

 196, 139, 158

 196, 179, 184

 196, 120, 145


 196, 197, 198

 196, 100, 131

 196, 209, 218

 196, 81, 118

 196, 220, 237

 196, 61, 105

 196, 231, 255

 196, 41, 92

 196, 227, 255

 196, 22, 78

 196, 226, 255

 196, 2, 65

 196, 0, 64

Harmonies

Analogous

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



186, 161, 185



196, 159, 171



199, 159, 157

Triad

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



196, 159, 171



143, 172, 149



136, 159, 192

Complementary

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



196, 159, 171



159, 181, 196

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.



131, 155, 181



196, 159, 171



150, 172, 175

Square

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



196, 159, 171



165, 182, 141



137, 160, 177



151, 164, 197

Rectangle

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



196, 159, 171



196, 165, 149



137, 160, 177



134, 157, 189

Sweetspot

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



196, 159, 171



255, 240, 245



184, 159, 196



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



196, 159, 171



255, 196, 215



196, 166, 159



97, 87, 90



161, 0, 52



33, 0, 11

Inverse Universe

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



196, 159, 171



255, 196, 215



159, 176, 196



97, 87, 90



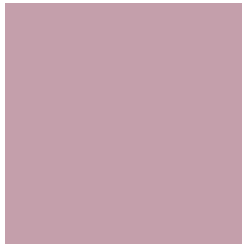
161, 0, 52



33, 0, 11

Previews

White Background



This preview shows how the RYB color 196, 159, 171 looks on a white background.

Color Contrast Check

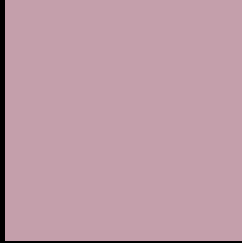
Large Text (above 18pt) WCAG AA × Fail

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 196, 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](#).

RYB 196, 159, 171 Background



This preview shows how black text looks on a background with the RYB color 196, 159, 171.



This preview shows how white text looks on a background with the RYB color 196, 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
196, 159, 171

Protanopia
170, 168, 176

Deuteranopia
184, 164, 170



Tritanopia
196, 159, 171

Trichromacy



Original Color
196, 159, 171

Protanomaly
179, 165, 174

Deuteranomaly
188, 162, 170

Tritanomaly
196, 159, 171

Monochromacy



Original Color
196, 159, 171

Achromatopsia
171, 171, 171

Achromatomaly
180, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 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(196, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 171) }
```

Border

The CSS property to change the border of an element to RYB 196, 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(196, 159, 171) }
```

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

```
.border{ border-color:rgb(196, 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(196, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 196, 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(196, 159, 171) }
```

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

```
.background{ background-color: rgb(196,  
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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