

Converting Colors

`RYB(199, 161, 188)`

Have a look what the booklet for RYB(199, 161, 188) contains.

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Color

R_YB(199, 161, 188)

Conversions

Conversions Part 1

Format	Color
Hex	C7A1BC
RGB	199, 161, 188
RGB Percent	78%, 63%, 74%
CMY	0.2196, 0.3686, 0.2627
CMYK	0.00, 0.19, 0.06, 0.22
HSL	317°, 25%, 71%
HSV	317°, 19%, 78%
XYZ	45.3752, 41.2627, 53.1499
YIQ	175.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

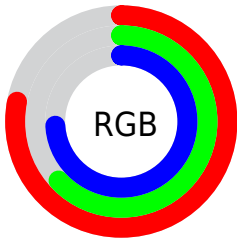
Format	Color
R_{YB}	199, 161, 188
Decimal	13083068
CIE _{Lab}	70.36, 18.54, -8.58
CIE _{LCh}	70, 20.427, 335.167
Yxy	41.2627, 0.3246, 0.2952
Android (android.graphics.Color)	4291273148 (0xFFC7A1BC)
YUV	175.4400, 6.1921, 20.6621
Hunter-Lab	64.2360, 13.6760, -4.0923

Details

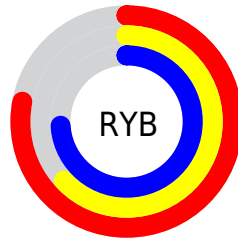
The RYB color **199, 161, 188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161, 190, 199**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 216, 244**, and **145, 109, 135** is the 20% darker color. If you saturate the color by 10%, you get **199, 141, 182**, and if you desaturate by 10%, it is **199, 181, 194**.

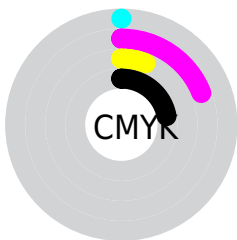
Distribution



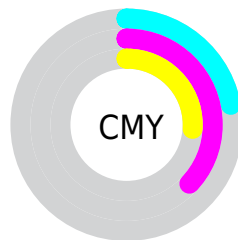
- Red (78%)
- Green (63%)
- Blue (74%)



- Red (78%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 161, 188 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 199, 161, 188 by changing the saturation by 10% instead.


 199, 161, 188

255, 255, 255

 255, 216, 244

 255, 244, 255

 199, 161, 188

 172, 135, 161

 145, 109, 135

 119, 85, 109

 94, 61, 85

 70, 39, 62

 47, 18, 40

 29, 0, 20


 0, 0, 0

 199, 161, 188

 199, 161, 188

 199, 141, 182

 199, 181, 194

 199, 121, 176


 199, 200, 201

 199, 101, 171

 199, 216, 221

 199, 81, 165

 199, 232, 241

 199, 62, 159

 199, 241, 255

 199, 42, 153

 199, 238, 255

 199, 22, 148

 199, 236, 255

 199, 2, 142

 199, 233, 255

 199, 0, 141

 199, 231, 255

Harmonies

Analogous

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



179, 166, 202



199, 161, 188



209, 159, 169

Triad

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



199, 161, 188



149, 183, 135



121, 154, 193

Complementary

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



199, 161, 188



161, 190, 199

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.



126, 157, 183



199, 161, 188



141, 177, 156

Square

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



199, 161, 188



200, 187, 139



142, 171, 181



132, 160, 205

Rectangle

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



199, 161, 188



211, 160, 157



142, 171, 181



121, 153, 187

Sweetspot

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



199, 161, 188



255, 240, 251



172, 161, 199



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



199, 161, 188



255, 196, 238



199, 161, 169



99, 90, 97



163, 0, 116



36, 0, 25

Inverse Universe

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



199, 161, 188



255, 196, 238



161, 182, 199



99, 90, 97



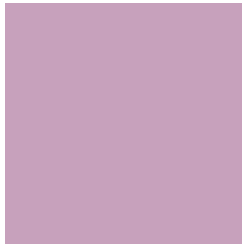
163, 0, 116



36, 0, 25

Previews

White Background



This preview shows how the RYB color 199, 161, 188 looks on a white background.

Color Contrast Check

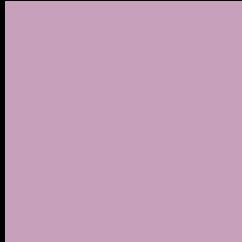
Large Text (above 18pt) WCAG AA × Fail

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 199, 161, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

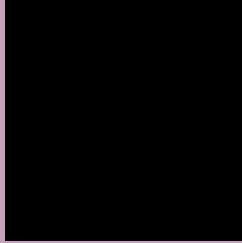
Any Text WCAG AA ✓ Pass

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 199, 161, 188 Background



This preview shows how black text looks on a background with the RYB color 199, 161, 188.



This preview shows how white text looks on a background with the RYB color 199, 161, 188.

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
199, 161, 188

Protanopia
169, 171, 194

Deuteranopia
182, 167, 187



Tritanopia
197, 163, 176

Trichromacy



Original Color
199, 161, 188

Protanomaly
180, 167, 192

Deuteranomaly
188, 165, 187

Tritanomaly
198, 162, 180

Monochromacy



Original Color
199, 161, 188

Achromatopsia
175, 175, 175

Achromatomaly
184, 170, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 161, 188 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(199, 161, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 188)  
}
```

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(199, 161, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 188) }
```

Border

The CSS property to change the border of an element to RYB 199, 161, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

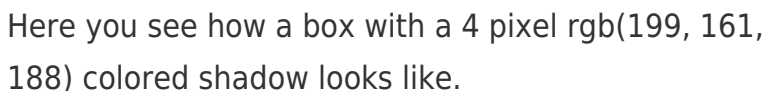
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 161, 188) }
```

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

```
.border{ border-color:rgb(199, 161, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 161, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 188);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 199, 161, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 188) }
```

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

```
.background{ background-color: rgb(199,  
161, 188) }
```

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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