

Converting Colors

`RYB(199, 160, 185)`

Have a look what the booklet for RYB(199, 160, 185) contains.

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Color

R_YB(199, 160, 185)

Conversions

Conversions Part 1

Format	Color
Hex	C7A0B9
RGB	199, 160, 185
RGB Percent	78%, 63%, 73%
CMY	0.2196, 0.3725, 0.2745
CMYK	0.00, 0.20, 0.07, 0.22
HSL	322°, 26%, 70%
HSV	322°, 20%, 78%
XYZ	44.8810, 40.7865, 51.4060
YIQ	174.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

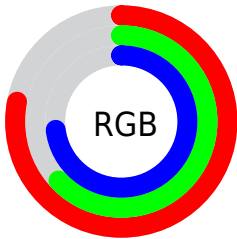
Format	Color
R_{YB}	199, 160, 185
Decimal	13082809
CIE _{Lab}	70.03, 18.55, -7.41
CIE _{LCh}	70, 19.978, 338.221
Yxy	40.7865, 0.3274, 0.2976
Android (android.graphics.Color)	4291272889 (0xFFC7A0B9)
YUV	174.5110, 5.1711, 21.4769
Hunter-Lab	63.8643, 13.6792, -3.0190

Details

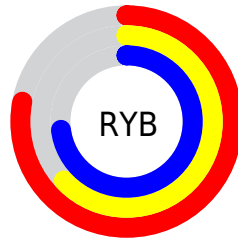
The RYB color **199, 160, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **160, 189, 199**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 215, 241**, and **145, 108, 132** is the 20% darker color. If you saturate the color by 10%, you get **199, 140, 178**, and if you desaturate by 10%, it is **199, 180, 192**.

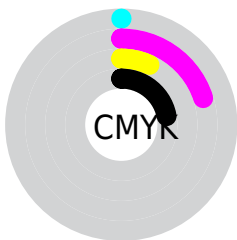
Distribution



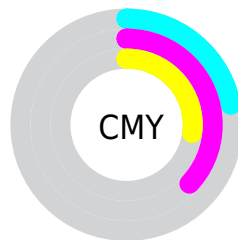
- Red (78%)
- Green (63%)
- Blue (73%)



- Red (78%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 160, 185 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, 160, 185 by changing the saturation by 10% instead.


 199, 160, 185

255, 255, 255

 255, 215, 241

 255, 243, 255

 199, 160, 185

 171, 134, 158

 145, 108, 132

 119, 84, 107

 94, 60, 83


 70, 38, 60

 47, 17, 38

 29, 0, 17


 0, 0, 0

 199, 160, 185

 199, 160, 185

 199, 140, 178

 199, 180, 192

 199, 120, 171

 199, 200, 200

 199, 100, 164

 199, 215, 220

 199, 80, 156

 199, 229, 240

 199, 61, 149

 199, 239, 255

 199, 41, 142

 199, 236, 255

 199, 21, 135

 199, 233, 255

 199, 1, 128

 199, 231, 255

 199, 0, 128

 199, 229, 255

Harmonies

Analogous

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



181, 165, 200



199, 160, 185



208, 158, 167

Triad

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



199, 160, 185



145, 180, 135



122, 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, 160, 185



160, 189, 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.



125, 155, 182



199, 160, 185



142, 177, 159

Square

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



199, 160, 185



197, 191, 138



139, 167, 180



134, 161, 204

Rectangle

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



199, 160, 185



209, 159, 155



139, 167, 180



121, 153, 188

Sweetspot

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



199, 160, 185



255, 240, 250



174, 160, 199



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



199, 160, 185



255, 194, 233



199, 160, 166



99, 90, 96



163, 0, 105



36, 0, 23

Inverse Universe

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



199, 160, 185



255, 194, 233



160, 181, 199



99, 90, 96



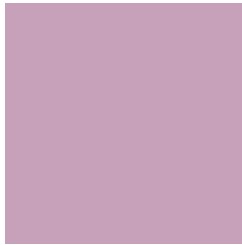
163, 0, 105



36, 0, 23

Previews

White Background



This preview shows how the RYB color 199, 160, 185 looks on a white background.

Color Contrast Check

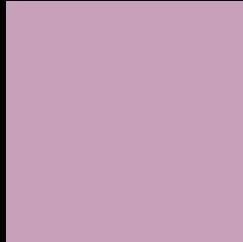
Large Text (above 18pt) WCAG AA × Fail

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, 160, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

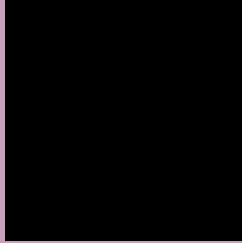
Any Text WCAG AA ✓ Pass

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, 160, 185 Background



This preview shows how black text looks on a background with the RYB color 199, 160, 185.

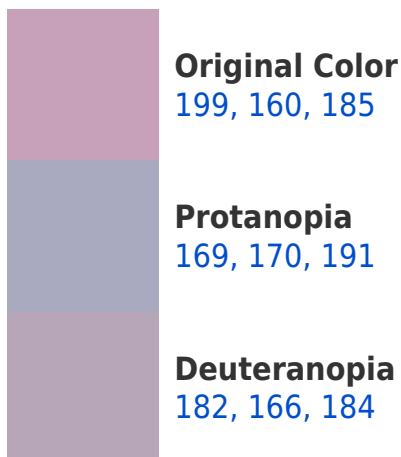



This preview shows how white text looks on a background with the RYB color 199, 160, 185.

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





Tritanopia
198, 162, 174

Trichromacy



Original Color

199, 160, 185

Protanomaly

180, 166, 189

Deuteranomaly

188, 164, 184

Tritanomaly

198, 161, 178

Monochromacy



Original Color

199, 160, 185

Achromatopsia

175, 175, 175

Achromatomaly

184, 170, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 160, 185 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, 160, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 185)  
}
```

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, 160, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 185) }
```

Border

The CSS property to change the border of an element to RYB 199, 160, 185 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, 160, 185) }
```

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

```
.border{ border-color:rgb(199, 160, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 160, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 160, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 160,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 199, 160, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 185) }
```

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

```
.background{ background-color: rgb(199,  
160, 185) }
```

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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