

# Converting Colors

`RYB(203, 155, 169)`

Have a look what the booklet for RYB(203, 155, 169) contains.

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# Color

**R<sub>Y</sub>B(203, 155, 169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB9BA9
RGB	203, 155, 169
RGB Percent	80%, 61%, 66%
CMY	0.2039, 0.3922, 0.3373
CMYK	0.00, 0.24, 0.17, 0.20
HSL	342°, 32%, 70%
HSV	342°, 24%, 80%
XYZ	43.5114, 39.0038, 42.7713
YIQ	170.9480, 24.1140, 14.5300

# Conversions

## Conversions Part 2

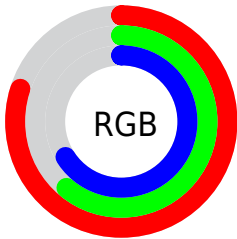
Format	Color
R <sub>Y</sub> B	203, 155, 169
Decimal	13343657
CIE Lab	68.75, 20.03, -0.35
CIE LCh	69, 20.037, 359.009
Yxy	39.0038, 0.3473, 0.3113
Android (android.graphics.Color)	4291533737 (0xFFCB9BA9)
YUV	170.9480, -0.9604, 28.1096
Hunter-Lab	62.4530, 15.0693, 3.1120

# Details

The RYB color **203, 155, 169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **155, 183, 203**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 210, 224**, and **148, 103, 117** is the 20% darker color. If you saturate the color by 10%, you get **203, 135, 155**, and if you desaturate by 10%, it is **203, 175, 183**.

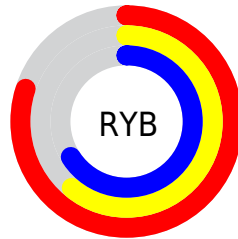
# Distribution



Red (80%)

Green (61%)

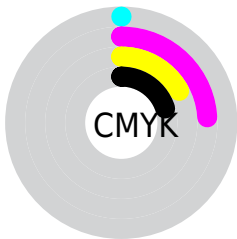
Blue (66%)



Red (80%)

Yellow (61%)

Blue (66%)

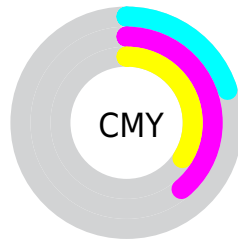


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (39%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 203, 155, 169 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 203, 155, 169 by changing the saturation by 10% instead.



 203, 155, 169

 203, 155, 169

255, 255, 255

 175, 129, 143

 255, 210, 224

 148, 103, 117

 255, 238, 253

 122, 79, 92

 96, 56, 69

 72, 33, 47

 48, 12, 26

 28, 0, 1

 0, 0, 0

 203, 155, 169


 203, 155, 169

 203, 135, 155


 203, 175, 183

 203, 114, 140

 203, 196, 198

 203, 94, 126

 203, 211, 216

 203, 74, 111

 203, 222, 236

 203, 53, 97

 203, 233, 255

 203, 33, 83

 203, 229, 255

 203, 13, 68

 203, 0, 59

# Harmonies

## Analogous

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



191, 158, 187



203, 155, 169



205, 157, 151

# Triad

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



203, 155, 169



136, 172, 145



126, 155, 198

# Complementary

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



203, 155, 169



155, 183, 203

# 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.



118, 150, 185



203, 155, 169



142, 170, 176

# Square

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



203, 155, 169



156, 182, 132



125, 155, 178



146, 163, 204

# Rectangle

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



203, 155, 169



201, 167, 141



125, 155, 178



121, 152, 194



# Sweetspot

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



203, 155, 169



255, 237, 242



189, 155, 203



128, 117, 120



0, 0, 0



128, 128, 128



# Same Dimension

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



203, 155, 169



255, 184, 204



203, 168, 155



102, 92, 95



166, 0, 48



38, 0, 11



# Inverse Universe

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



203, 155, 169



255, 184, 204



155, 176, 203



102, 92, 95



166, 0, 48



38, 0, 11



# Previews

## White Background



This preview shows how the RYB color 203, 155, 169 looks on a white background.

## Color Contrast Check

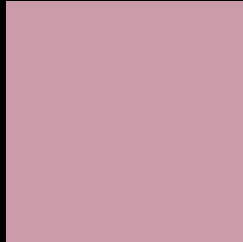
Large Text (above 18pt) WCAG AA × Fail

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 203, 155, 169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

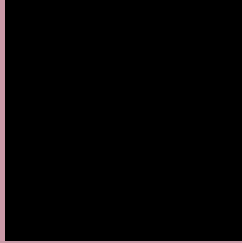
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 203, 155, 169 Background



This preview shows how black text looks on a background with the RYB color 203, 155, 169.



This preview shows how white text looks on a background with the RYB color 203, 155, 169.

# 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**  
203, 155, 169

**Protanopia**  
169, 167, 176

**Deuteranopia**  
184, 163, 168



# Tritanopia

203, 155, 167

# Trichromacy



**Original Color**  
203, 155, 169

**Protanomaly**  
181, 163, 173

**Deuteranomaly**  
191, 160, 168

**Tritanomaly**  
203, 155, 168

# Monochromacy



**Original Color**  
203, 155, 169

**Achromatopsia**  
171, 171, 171

**Achromatomaly**  
183, 165, 170

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 203, 155, 169 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(203, 155, 169) looks like.

```
.text, #text, p{  
    color:rgb(203, 155, 169)  
}
```

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(203, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 155, 169) }
```

## Border

The CSS property to change the border of an element to RYB 203, 155, 169 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(203, 155, 169) }
```

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

```
.border{ border-color:rgb(203, 155, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(203, 155,  
169) }
```

# Background

The CSS property to change the background color of an element to RGB 203, 155, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 155, 169) }
```

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

```
.background{ background-color: rgb(203,  
155, 169) }
```

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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