

# Converting Colors

`RYB(183, 155, 184)`

Have a look what the booklet for RYB(183, 155, 184) contains.

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# Color

**R<sub>Y</sub>B(183, 155, 184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79BB8
RGB	183, 155, 184
RGB Percent	72%, 61%, 72%
CMY	0.2824, 0.3922, 0.2784
CMYK	0.01, 0.16, 0.00, 0.28
HSL	298°, 17%, 66%
HSV	298°, 16%, 72%
XYZ	39.9015, 36.9707, 50.3804
YIQ	166.6780, 7.3790, 14.9550

# Conversions

## Conversions Part 2

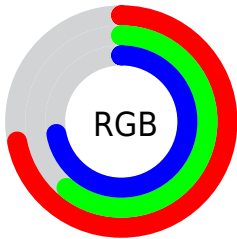
Format	Color
R <sub>Y</sub> B	183, 155, 184
Decimal	12032952
CIE Lab	67.26, 15.53, -11.15
CIE LCh	67, 19.116, 324.327
Yxy	36.9707, 0.3136, 0.2905
Android (android.graphics.Color)	4290223032 (0xFFB79BB8)
YUV	166.6780, 8.5397, 14.3144
Hunter-Lab	60.8035, 10.7322, -6.5639

# Details

The RYB color **183, 155, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 184, 183**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **239, 210, 240**, and **130, 104, 131** is the 20% darker color. If you saturate the color by 10%, you get **182, 137, 184**, and if you desaturate by 10%, it is **184, 173, 184**.

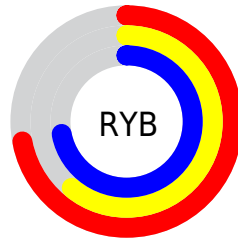
# Distribution



Red (72%)

Green (61%)

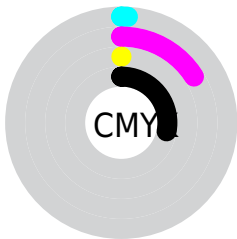
Blue (72%)



Red (72%)

Yellow (61%)

Blue (72%)

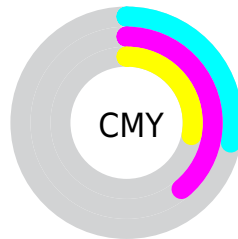


Cyan (1%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 183, 155, 184 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 183, 155, 184 by changing the saturation by 10% instead.



 183, 155, 184

255, 255, 255

 239, 210, 240

 255, 238, 255

 183, 155, 184


 156, 129, 157

 130, 104, 131

 105, 80, 106

 80, 56, 82

 57, 35, 59

 35, 14, 37

 2, 0, 15


 0, 0, 0

 183, 155, 184


 183, 155, 184

 182, 137, 184


 184, 173, 184

 182, 118, 184


 184, 192, 192

 181, 100, 184

 184, 210, 209

 180, 81, 184


 184, 229, 227

 180, 63, 184

 184, 247, 245

 179, 45, 184

 184, 255, 252

 179, 26, 184

 184, 255, 251

 178, 8, 184

 184, 255, 250

 178, 0, 184

# Harmonies

## Analogous

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



163, 160, 195



183, 155, 184



196, 152, 168

# Triad

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



183, 155, 184



161, 180, 130



117, 146, 177

# Complementary

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



183, 155, 184



155, 184, 183

# 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, 153, 173



183, 155, 184



132, 167, 137

# Square

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



183, 155, 184



194, 167, 136



142, 170, 171



122, 151, 191

# Rectangle

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



183, 155, 184



200, 152, 156



142, 170, 171



118, 147, 174



# Sweetspot

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



183, 155, 184



239, 228, 240



155, 156, 184



120, 113, 120



247, 247, 247



120, 120, 120



# Same Dimension

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



183, 155, 184



238, 194, 240



184, 155, 171



91, 83, 92



150, 0, 156



27, 0, 28



# Inverse Universe

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



184, 155, 156



240, 194, 196



155, 175, 184



92, 83, 83



156, 0, 5

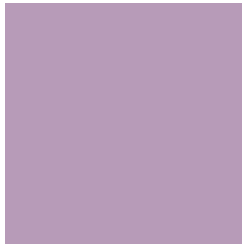


28, 0, 1



# Previews

## White Background



This preview shows how the RYB color 183, 155, 184 looks on a white background.

## Color Contrast Check

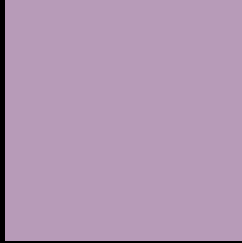
Large Text (above 18pt) WCAG AA × Fail

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 183, 155, 184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

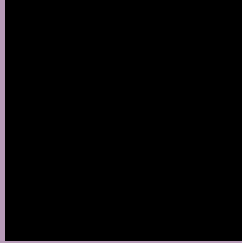
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 183, 155, 184 Background**



This preview shows how black text looks on a background with the RYB color 183, 155, 184.

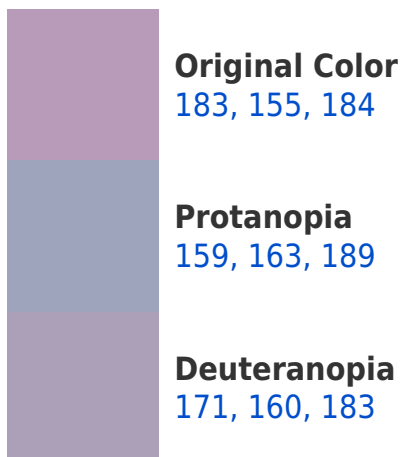


This preview shows how white text looks on a background with the RYB color 183, 155, 184.

# 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**  
181, 157, 170

# Trichromacy



**Original Color**  
183, 155, 184

**Protanomaly**  
168, 160, 187

**Deuteranomaly**  
175, 158, 183

**Tritanomaly**  
182, 156, 175

# Monochromacy



**Original Color**  
183, 155, 184

**Achromatopsia**  
167, 167, 167

**Achromatomaly**  
173, 163, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 183, 155, 184 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(183, 155, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 155, 184)  
}
```

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(183, 155, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 155, 184) }
```

## Border

The CSS property to change the border of an element to RYB 183, 155, 184 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(183, 155, 184) }
```

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

```
.border{ border-color:rgb(183, 155, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 155, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 155, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 155, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 155,  
184) }
```

# Background

The CSS property to change the background color of an element to RYB 183, 155, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 155, 184) }
```

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

```
.background{ background-color: rgb(183,  
155, 184) }
```

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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