

Converting Colors

`RYB(183, 159, 166)`

Have a look what the booklet for
RYB(183, 159, 166) contains.

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Color

R_YB(183, 159, 166)

Conversions

Conversions Part 1

Format	Color
Hex	B79FA6
RGB	183, 159, 166
RGB Percent	72%, 62%, 65%
CMY	0.2824, 0.3765, 0.3490
CMYK	0.00, 0.13, 0.09, 0.28
HSL	342°, 14%, 67%
HSV	342°, 13%, 72%
XYZ	38.8095, 37.6167, 41.2917
YIQ	166.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

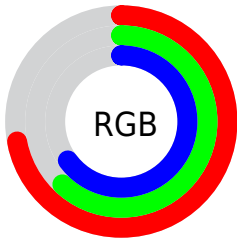
Format	Color
RYB	183, 159, 166
Decimal	12033958
CIELab	67.74, 10.00, -0.39
CIELCh	68, 10.011, 357.763
Yxy	37.6167, 0.3297, 0.3195
Android (android.graphics.Color)	4290224038 (0xFFB79FA6)
YUV	166.9740, -0.4802, 14.0548
Hunter-Lab	61.3325, 5.6181, 3.0162

Details

The RYB color **183, 159, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 173, 183**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **239, 214, 221**, and **130, 108, 114** is the 20% darker color. If you saturate the color by 10%, you get **183, 141, 153**, and if you desaturate by 10%, it is **183, 177, 179**.

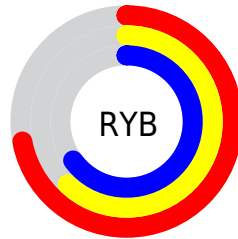
Distribution



Red (72%)

Green (62%)

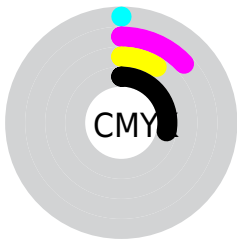
Blue (65%)



Red (72%)

Yellow (62%)

Blue (65%)

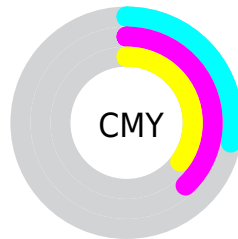


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 159, 166 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, 159, 166 by changing the saturation by 10% instead.

 183, 159, 166

255, 255, 255

 239, 214, 221


 255, 242, 250

 183, 159, 166


 156, 133, 140

 130, 108, 114

 105, 83, 90

 80, 60, 66

 57, 38, 44

 35, 18, 24

 1, 0, 0


 0, 0, 0


 183, 159, 166

 183, 159, 166

 183, 141, 153


 183, 177, 179

 183, 122, 140


 183, 191, 196

 183, 104, 127

 183, 201, 214

 183, 86, 114

 183, 212, 232

 183, 68, 101

 183, 223, 251

 183, 49, 88

 183, 222, 255

 183, 31, 75

 183, 219, 255

 183, 13, 62

 183, 0, 53

Harmonies

Analogous

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



176, 160, 175



183, 159, 166



185, 159, 157

Triad

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



183, 159, 166



149, 167, 153



146, 160, 180

Complementary

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



183, 159, 166



159, 173, 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.



142, 157, 173



183, 159, 166



153, 167, 169

Square

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



183, 159, 166



161, 173, 147



145, 159, 170



155, 163, 183

Rectangle

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



183, 159, 166



183, 165, 152



145, 159, 170



144, 158, 178

Sweetspot

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



183, 159, 166



237, 228, 230



176, 159, 183



120, 114, 116



247, 247, 247



120, 120, 120

Same Dimension

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



183, 159, 166



237, 199, 210



183, 165, 159



92, 83, 85



156, 0, 45



28, 0, 8

Inverse Universe

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



183, 159, 166



237, 199, 210



159, 170, 183



92, 83, 85



156, 0, 45



28, 0, 8

Previews

White Background



This preview shows how the RYB color 183, 159, 166 looks on a white background.

Color Contrast Check

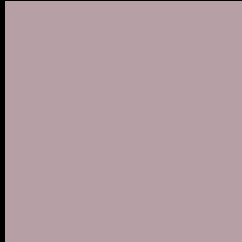
Large Text (above 18pt) WCAG AA × Fail

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, 159, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

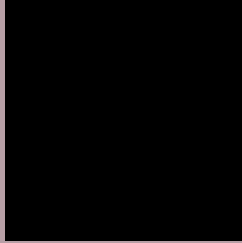
Any Text WCAG AA ✓ Pass

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](#).

RYP 183, 159, 166 Background



This preview shows how black text looks on a background with the RYB color 183, 159, 166.



This preview shows how white text looks on a background with the RYB color 183, 159, 166.

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
183, 159, 166

Protanopia
167, 164, 169

Deuteranopia
181, 160, 166



Tritanopia
184, 158, 171

Trichromacy



Original Color

183, 159, 166

Protanomaly

173, 162, 168

Deuteranomaly

182, 160, 166

Tritanomaly

184, 158, 169

Monochromacy



Original Color

183, 159, 166

Achromatopsia

167, 167, 167

Achromatomaly

173, 164, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 159, 166 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, 159, 166) looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 166) }
```

Border

The CSS property to change the border of an element to RYB 183, 159, 166 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, 159, 166) }
```

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

```
.border{ border-color:rgb(183, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(183, 159,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 183, 159, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 166) }
```

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

```
.background{ background-color: rgb(183,  
159, 166) }
```

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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