

Converting Colors

`RYB(176, 157, 167)`

Have a look what the booklet for
RYB(176, 157, 167) contains.

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Color

R_YB(176, 157, 167)

Conversions

Conversions Part 1

Format	Color
Hex	B09DA7
RGB	176, 157, 167
RGB Percent	69%, 62%, 65%
CMY	0.3098, 0.3843, 0.3451
CMYK	0.00, 0.11, 0.05, 0.31
HSL	328°, 11%, 65%
HSV	328°, 11%, 69%
XYZ	36.9365, 36.1341, 41.5870
YIQ	163.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

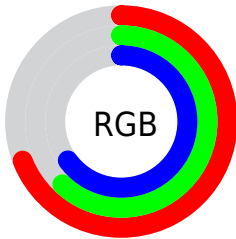
Format	Color
RYB	176, 157, 167
Decimal	11574695
CIELab	66.62, 8.74, -2.66
CIELCh	67, 9.138, 343.094
Yxy	36.1341, 0.3221, 0.3151
Android (android.graphics.Color)	4289764775 (0xFFB09DA7)
YUV	163.8210, 1.5672, 10.6810
Hunter-Lab	60.1116, 4.4868, 1.0595

Details

The RYB color **176, 157, 167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 170, 176**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **232, 212, 222**, and **123, 106, 115** is the 20% darker color. If you saturate the color by 10%, you get **176, 139, 159**, and if you desaturate by 10%, it is **176, 175, 175**.

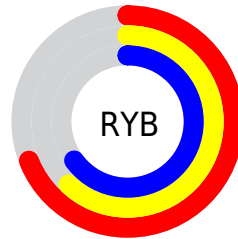
Distribution



Red (69%)

Green (62%)

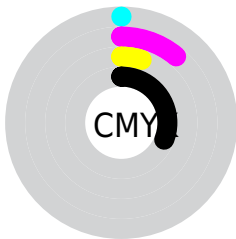
Blue (65%)



Red (69%)

Yellow (62%)

Blue (65%)

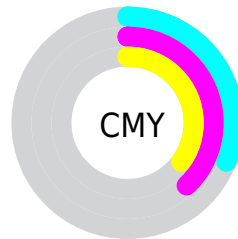


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 157, 167 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 176, 157, 167 by changing the saturation by 10% instead.


 176, 157, 167

255, 255, 255

 232, 212, 222

 255, 240, 251

 176, 157, 167


 149, 131, 141

 123, 106, 115

 98, 82, 91

 75, 59, 67


 52, 37, 45

 31, 16, 24

 0, 0, 0

 176, 157, 167

 176, 139, 159

 176, 157, 167

 176, 175, 175

■ 176, 122, 150

■ 176, 187, 192

■ 176, 104, 142

■ 176, 199, 210

■ 176, 87, 134

■ 176, 211, 227

■ 176, 69, 125

■ 176, 223, 245

■ 176, 51, 117

■ 176, 228, 255

■ 176, 34, 109

■ 176, 225, 255

■ 176, 16, 100

■ 176, 222, 255

■ 176, 0, 93

■ 176, 219, 255

Harmonies

Analogous

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



168, 159, 174



176, 157, 167



180, 157, 159

Triad

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



176, 157, 167



148, 165, 146



143, 156, 173

Complementary

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



176, 157, 167



157, 170, 176

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, 155, 167



176, 157, 167



150, 165, 159

Square

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



176, 157, 167



173, 173, 147



147, 160, 167



148, 158, 177

Rectangle

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



176, 157, 167



180, 158, 153



147, 160, 167



142, 155, 171

Sweetspot

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



176, 157, 167



230, 223, 226



166, 157, 176



115, 110, 113



242, 242, 242



115, 115, 115

Same Dimension

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



176, 157, 167



230, 200, 215



176, 157, 158



89, 80, 85



153, 0, 81



26, 0, 13

Inverse Universe

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



176, 157, 167



230, 200, 215



157, 167, 176



89, 80, 85



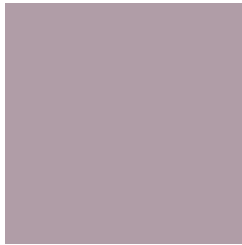
153, 0, 81



26, 0, 13

Previews

White Background



This preview shows how the RYB color 176, 157, 167 looks on a white background.

Color Contrast Check

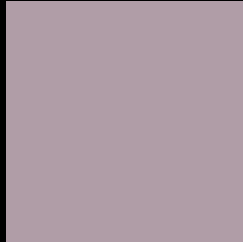
Large Text (above 18pt) WCAG AA × Fail

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 176, 157, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

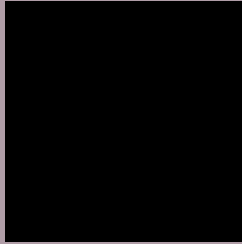
Any Text WCAG AA ✓ Pass

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 176, 157, 167 Background



This preview shows how black text looks on a background with the RYB color 176, 157, 167.



This preview shows how white text looks on a background with the RYB color 176, 157, 167.

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

176, 157, 167

Protanopia

163, 161, 169

Deuteranopia

176, 157, 167



Tritanopia
176, 157, 169

Trichromacy



Original Color

176, 157, 167

Protanomaly

168, 160, 168

Deuteranomaly

176, 157, 167

Tritanomaly

176, 157, 168

Monochromacy



Original Color

176, 157, 167

Achromatopsia

164, 164, 164

Achromatomaly

168, 161, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 157, 167 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(176, 157, 167) looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 167)  
}
```

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(176, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 167) }
```

Border

The CSS property to change the border of an element to RYB 176, 157, 167 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(176, 157, 167) }
```

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

```
.border{ border-color:rgb(176, 157, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 176, 157, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 167) }
```

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

```
.background{ background-color: rgb(176,  
157, 167) }
```

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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