

Converting Colors

`RYB(157, 99, 113)`

Have a look what the booklet for
RYB(157, 99, 113) contains.

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Color

`RYB(157, 99, 113)`

Conversions

Conversions Part 1

Format	Color
Hex	9D6371
RGB	157, 99, 113
RGB Percent	62%, 39%, 44%
CMY	0.3843, 0.6118, 0.5569
CMYK	0.00, 0.37, 0.28, 0.38
HSL	346°, 23%, 50%
HSV	346°, 37%, 62%
XYZ	21.3471, 17.2840, 17.8338
YIQ	117.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

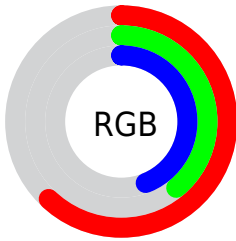
Format	Color
R_{YB}	157, 99, 113
Decimal	10314609
CIE _{Lab}	48.62, 25.41, 1.98
CIE _{LCh}	49, 25.488, 4.455
Yxy	17.2840, 0.3781, 0.3061
Android (android.graphics.Color)	4288504689 (0xFF9D6371)
YUV	117.9380, -2.4344, 34.2574
Hunter-Lab	41.5741, 18.9001, 3.6685

Details

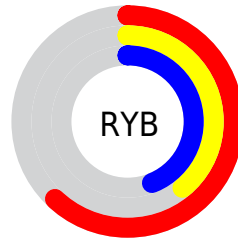
The RYB color **157, 99, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **99, 132, 157**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **213, 151, 165**, and **104, 51, 65** is the 20% darker color. If you saturate the color by 10%, you get **157, 83, 101**, and if you desaturate by 10%, it is **157, 115, 125**.

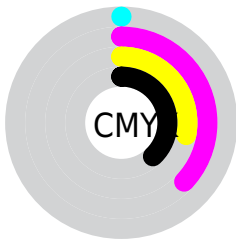
Distribution



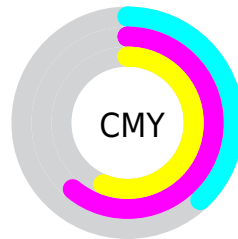
- Red (62%)
- Green (39%)
- Blue (44%)



- Red (62%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (28%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 99, 113 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 157, 99, 113 by changing the saturation by 10% instead.

 157, 99, 113


 157, 99, 113


255, 255, 255

 130, 75, 89

 213, 151, 165

 104, 51, 65

 242, 178, 192

 79, 28, 43

 255, 205, 220

 54, 5, 23

 255, 234, 248


 33, 0, 1

 0, 0, 0

 157, 99, 113

 157, 99, 113

 157, 83, 101

 157, 115, 125

 157, 68, 89

 157, 130, 137

■ 157, 52, 77

■ 157, 146, 149

■ 157, 36, 65

■ 157, 160, 162

■ 157, 20, 53

■ 157, 169, 178

■ 157, 5, 42

■ 157, 178, 193

■ 157, 0, 38

■ 157, 187, 209

■ 157, 196, 225

■ 157, 204, 240

Harmonies

Analogous

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



146, 102, 134



157, 99, 113



156, 102, 92

Triad

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



157, 99, 113



79, 121, 96



57, 96, 154

Complementary

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



157, 99, 113



99, 132, 157

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.



39, 86, 139



157, 99, 113



78, 113, 126

Square

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



157, 99, 113



87, 127, 72



52, 92, 127



91, 109, 158

Rectangle

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



157, 99, 113



150, 118, 81



52, 92, 127



48, 92, 150

Sweetspot

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



157, 99, 113



204, 182, 187



143, 99, 157



102, 89, 92



230, 230, 230



102, 102, 102

Same Dimension

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



157, 99, 113



204, 114, 136



157, 119, 99



79, 71, 73



143, 0, 34



15, 0, 4

Inverse Universe

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



157, 99, 113



204, 114, 136



99, 124, 157



79, 71, 73



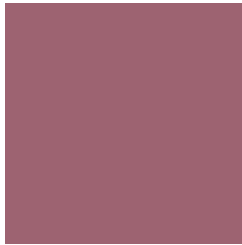
143, 0, 34



15, 0, 4

Previews

White Background



This preview shows how the RYB color 157, 99, 113 looks on a white background.

Color Contrast Check

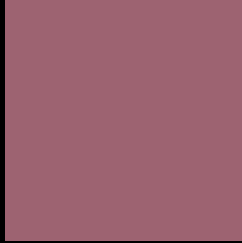
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 157, 99, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R/Y/B 157, 99, 113 Background



This preview shows how black text looks on a background with the R/Y/B color 157, 99, 113.



This preview shows how white text looks on a background with the R/Y/B color 157, 99, 113.

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

[157, 99, 113](#)

Protanopia

[116, 115, 122](#)

Deuteranopia

[129, 112, 111](#)



Tritanopia
156, 100, 107

Trichromacy



Original Color

157, 99, 113

Protanomaly

131, 109, 119

Deuteranomaly

139, 107, 112

Tritanomaly

156, 100, 109

Monochromacy



Original Color

157, 99, 113

Achromatopsia

118, 118, 118

Achromatomaly

132, 111, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 99, 113 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(157, 99, 113)` looks like.

```
.text, #text, p{  
    color:rgb(157, 99, 113)  
}
```

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(157, 99, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 99, 113) }
```

Border

The CSS property to change the border of an element to RYB 157, 99, 113 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(157, 99, 113) }
```

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

```
.border{ border-color:rgb(157, 99, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 99, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 99, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 99, 113);  
box-shadow:4px 4px 4px 4px rgb(157, 99,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 157, 99, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 99, 113) }
```

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

```
.background{ background-color: rgb(157, 99,  
113) }
```

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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