

Converting Colors

`RYB(157, 96, 117)`

Have a look what the booklet for
RYB(157, 96, 117) contains.

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Color

R_YB(157, 96, 117)

Conversions

Conversions Part 1

Format	Color
Hex	9D6075
RGB	157, 96, 117
RGB Percent	62%, 38%, 46%
CMY	0.3843, 0.6235, 0.5412
CMYK	0.00, 0.39, 0.25, 0.38
HSL	339°, 24%, 50%
HSV	339°, 39%, 62%
XYZ	21.2984, 16.8182, 18.9533
YIQ	116.6330, 29.6150, 19.4630

Conversions

Conversions Part 2

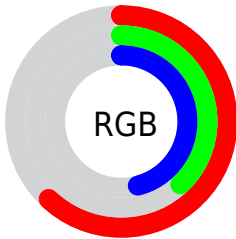
Format	Color
R _Y B	157, 96, 117
Decimal	10313845
CIE Lab	48.03, 27.70, -1.27
CIE LCh	48, 27.734, 357.368
Yxy	16.8182, 0.3732, 0.2947
Android (android.graphics.Color)	4288503925 (0xFF9D6075)
YUV	116.6330, 0.1809, 35.4019
Hunter-Lab	41.0100, 20.9358, 1.3053

Details

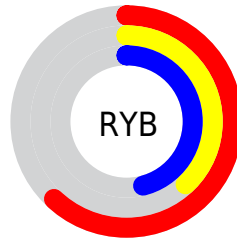
The RYB color **157, 96, 117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **96, 133, 157**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **213, 148, 169**, and **104, 48, 69** is the 20% darker color. If you saturate the color by 10%, you get **157, 80, 107**, and if you desaturate by 10%, it is **157, 112, 127**.

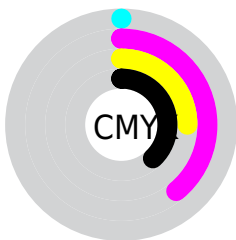
Distribution



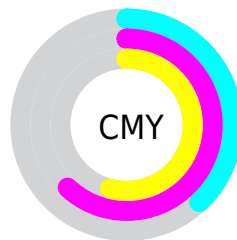
- Red (62%)
- Green (38%)
- Blue (46%)



- Red (62%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (38%)






















- Cyan (38%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 96, 117 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, 96, 117 by changing the saturation by 10% instead.

 157, 96, 117	 157, 96, 117
 255, 255, 255	 130, 72, 92
 213, 148, 169	 104, 48, 69
 242, 174, 196	 79, 25, 47
 255, 202, 224	 54, 1, 26
 255, 230, 253	 33, 0, 1
	 0, 0, 0

 157, 96, 117	 157, 96, 117
 157, 80, 107	 157, 112, 127
 157, 65, 96	 157, 127, 138

157, 49, 86

157, 143, 148

157, 33, 76

157, 158, 159

157, 17, 66

157, 168, 175

157, 2, 55

157, 177, 190

157, 0, 54

157, 187, 206

157, 196, 222

157, 205, 237

Harmonies

Analogous

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



142, 101, 140



157, 96, 117



159, 97, 94

Triad

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



157, 96, 117



72, 119, 84



36, 86, 153

Complementary

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



157, 96, 117



96, 133, 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.



18, 74, 135



157, 96, 117



80, 117, 124

Square

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



157, 96, 117



94, 131, 67



49, 92, 126



77, 104, 160

Rectangle

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



157, 96, 117



154, 109, 81



49, 92, 126



24, 79, 148

Sweetspot

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



157, 96, 117



204, 180, 188



136, 96, 157



102, 88, 93



230, 230, 230



102, 102, 102

Same Dimension

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



157, 96, 117



204, 108, 141



157, 107, 96



79, 71, 74



143, 0, 49



15, 0, 5

Inverse Universe

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



157, 96, 117



204, 108, 141



96, 124, 157



79, 71, 74



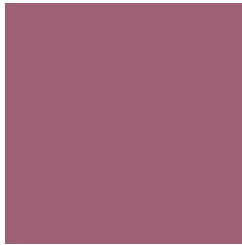
143, 0, 49



15, 0, 5

Previews

White Background



This preview shows how the RYB color 157, 96, 117 looks on a white background.

Color Contrast Check

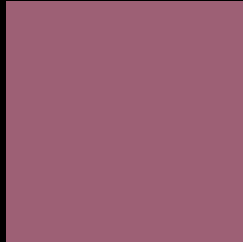
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

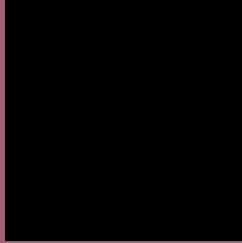
Any Text WCAG AA × Fail

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/YB 157, 96, 117 Background



This preview shows how black text looks on a background with the R/YB color 157, 96, 117.



This preview shows how white text looks on a background with the R/YB color 157, 96, 117.

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, 96, 117

Protanopia
113, 114, 128

Deuteranopia
125, 111, 114



Tritanopia
156, 98, 105

Trichromacy



Original Color
157, 96, 117

Protanomaly
129, 107, 124

Deuteranomaly
137, 106, 115

Tritanomaly
156, 97, 109

Monochromacy



Original Color
157, 96, 117

Achromatopsia
117, 117, 117

Achromatomaly
132, 109, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 96, 117 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, 96, 117)` looks like.

```
.text, #text, p{  
    color:rgb(157, 96, 117)  
}
```

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, 96, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 117) }
```

Border

The CSS property to change the border of an element to RYB 157, 96, 117 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, 96, 117) }
```

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

```
.border{ border-color:rgb(157, 96, 117) }
```

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

Here you see how a box with a 4 pixel rgb(157, 96, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 117);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 157, 96, 117 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 117) }
```

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

```
.background{ background-color: rgb(157, 96,  
117) }
```

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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