

Converting Colors

`RYB(157, 98, 106)`

Have a look what the booklet for
RYB(157, 98, 106) contains.

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Color

R_YB(157, 98, 106)

Conversions

Conversions Part 1

Format	Color
Hex	9D626A
RGB	157, 98, 106
RGB Percent	62%, 38%, 42%
CMY	0.3843, 0.6157, 0.5843
CMYK	0.00, 0.38, 0.32, 0.38
HSL	352°, 23%, 50%
HSV	352°, 38%, 62%
XYZ	20.8738, 16.9441, 15.8060
YIQ	116.5530, 32.5960, 14.9960

Conversions

Conversions Part 2

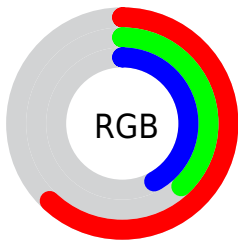
Format	Color
R_{YB}	157, 98, 106
Decimal	10314346
CIE _{Lab}	48.19, 24.99, 5.56
CIE _{LCh}	48, 25.597, 12.545
Yxy	16.9441, 0.3893, 0.3160
Android (android.graphics.Color)	4288504426 (0xFF9D626A)
YUV	116.5530, -5.2026, 35.4720
Hunter-Lab	41.1632, 18.4817, 6.0478

Details

The RYB color **157, 98, 106** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98, 130, 157**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **213, 149, 157**, and **104, 50, 59** is the 20% darker color. If you saturate the color by 10%, you get **157, 82, 92**, and if you desaturate by 10%, it is **157, 114, 120**.

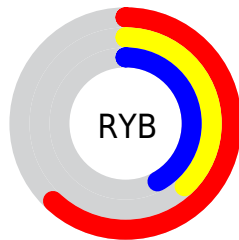
Distribution



Red (62%)

Green (38%)

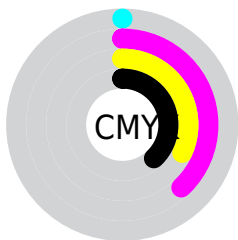
Blue (42%)



Red (62%)

Yellow (38%)

Blue (42%)

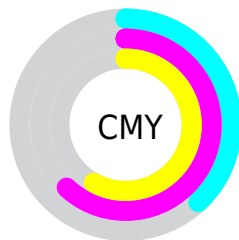


Cyan (0%)

Magenta (38%)

Yellow (32%)

Black (38%)



Cyan (38%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 98, 106 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, 98, 106 by changing the saturation by 10% instead.

 157, 98, 106

 157, 98, 106

255, 255, 255

 130, 74, 82

 213, 149, 157

 104, 50, 59

 242, 176, 184

 78, 27, 37

 255, 204, 212

 54, 4, 16

 255, 232, 240


 31, 0, 1

 0, 0, 0


 157, 98, 106

 157, 98, 106

 157, 82, 92

 157, 114, 120

 157, 67, 79

 157, 129, 133

157, 51, 65

157, 145, 147

157, 35, 52

157, 159, 161

157, 20, 38

157, 168, 177

157, 4, 25

157, 176, 192

157, 0, 21

157, 184, 208

157, 193, 224

157, 201, 239

Harmonies

Analogous

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



149, 99, 128



157, 98, 106



153, 107, 86

Triad

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



157, 98, 106



82, 122, 108



64, 99, 155

Complementary

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



157, 98, 106



98, 130, 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.



38, 86, 143



157, 98, 106



70, 105, 125

Square

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



157, 98, 106



76, 120, 72



45, 86, 126



99, 110, 156

Rectangle

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



157, 98, 106



145, 128, 77



45, 86, 126



54, 94, 152

Sweetspot

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



157, 98, 106



204, 182, 185



148, 98, 157



102, 89, 91



230, 230, 230



102, 102, 102

Same Dimension

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



157, 98, 106



204, 112, 125



157, 131, 98



79, 71, 72



143, 0, 19



15, 0, 2

Inverse Universe

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



157, 98, 106



204, 112, 125



98, 121, 157



79, 71, 72



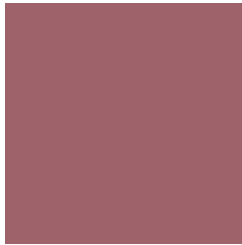
143, 0, 19



15, 0, 2

Previews

White Background



This preview shows how the RYB color 157, 98, 106 looks on a white background.

Color Contrast Check

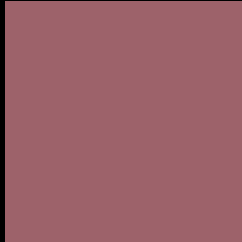
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 106 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](#).

RYP 157, 98, 106 Background



This preview shows how black text looks on a background with the RYP color 157, 98, 106.



This preview shows how white text looks on a background with the RYP color 157, 98, 106.

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, 98, 106

Protanopia

117, 114, 115

Deuteranopia

130, 114, 104



Tritanopia
157, 98, 105

Trichromacy



Original Color

157, 98, 106

Protanomaly

132, 108, 112

Deuteranomaly

140, 106, 105

Tritanomaly

157, 98, 105

Monochromacy



Original Color

157, 98, 106

Achromatopsia

117, 117, 117

Achromatomaly

132, 110, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 98, 106 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, 98, 106) looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 106)  
}
```

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, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 106) }
```

Border

The CSS property to change the border of an element to RYB 157, 98, 106 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, 98, 106) }
```

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

```
.border{ border-color:rgb(157, 98, 106) }
```

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

Here you see how a box with a 4 pixel rgb(157, 98, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 157, 98, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 106) }
```

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

```
.background{ background-color: rgb(157, 98,  
106) }
```

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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