

Converting Colors

`RYB(157, 131, 118)`

Have a look what the booklet for
RYB(157, 131, 118) contains.

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Color

R_YB(157, 131, 118)

Conversions

Conversions Part 1

Format	Color
Hex	9D8076
RGB	157, 128, 118
RGB Percent	62%, 50%, 46%
CMY	0.3843, 0.4990, 0.5373
CMYK	0.00, 0.19, 0.25, 0.38
HSL	15°, 17%, 54%
HSV	15°, 25%, 62%
XYZ	24.8612, 23.8493, 20.4326
YIQ	135.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

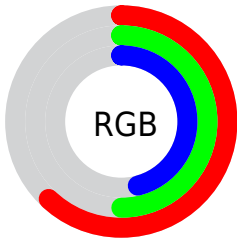
Format	Color
R_{YB}	157, 131, 118
Decimal	10322038
CIE Lab	55.94, 9.69, 9.53
CIE LCh	56, 13.591, 44.498
Yxy	23.8493, 0.3596, 0.3449
Android (android.graphics.Color)	4288512118 (0xFF9D8076)
YUV	135.5310, -8.6428, 18.8283
Hunter-Lab	48.8358, 5.4080, 9.3784

Details

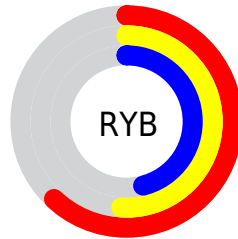
The RYB color **157, 131, 118** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118, 135, 157**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **212, 185, 170**, and **105, 82, 70** is the 20% darker color. If you saturate the color by 10%, you get **157, 121, 102**, and if you desaturate by 10%, it is **157, 142, 134**.

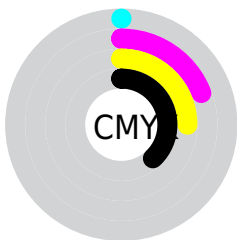
Distribution



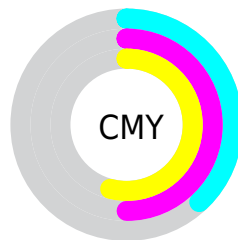
- Red (62%)
- Green (50%)
- Blue (46%)



- Red (62%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (50%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the RYB color 157, 131, 118 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, 131, 118 by changing the saturation by 10% instead.

 157, 131, 118

255, 255, 255


 212, 185, 170

 241, 212, 197

 255, 242, 225


254, 255, 254

 157, 131, 118

 157, 121, 102

 157, 109, 87

 157, 131, 118

 131, 107, 93

 105, 82, 70


 80, 59, 47


 57, 36, 27

 36, 20, 0

 0, 0, 0

 157, 131, 118


 157, 142, 134

 157, 152, 149


 157, 99, 71

 157, 160, 165


 157, 90, 55

 157, 167, 181


 157, 79, 39

 157, 174, 197


 157, 68, 24

 157, 180, 212

 157, 57, 8

 157, 187, 228

 157, 52, 0

 157, 194, 244

 157, 200, 255

Harmonies

Analogous

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



159, 126, 129



157, 131, 118



147, 149, 112

Triad

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



157, 131, 118



111, 130, 140



128, 132, 157

Complementary

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



157, 131, 118



118, 135, 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.



114, 129, 156



157, 131, 118



104, 123, 141

Square

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



157, 131, 118



117, 138, 131



104, 124, 150



143, 129, 151

Rectangle

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



157, 131, 118



122, 142, 111



104, 124, 150



123, 131, 157

Sweetspot

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



157, 131, 118



204, 194, 190



157, 118, 147



102, 97, 94



230, 230, 230



102, 102, 102

Same Dimension

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



157, 131, 118



204, 163, 143



131, 157, 118



79, 74, 71



143, 48, 0



15, 5, 0

Inverse Universe

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



118, 135, 157



143, 169, 204



118, 126, 157



71, 74, 79



0, 61, 143



0, 6, 15

Previews

White Background



This preview shows how the RYB color 157, 131, 118 looks on a white background.

Color Contrast Check

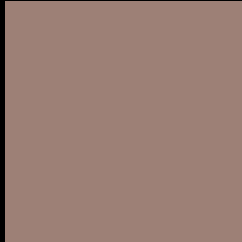
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 157, 131, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

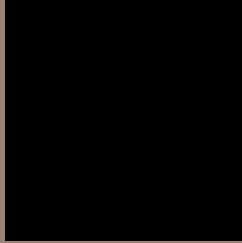
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 157, 131, 118 Background



This preview shows how black text looks on a background with the RYB color 157, 131, 118.



This preview shows how white text looks on a background with the RYB color 157, 131, 118.

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, 131, 118

Protanopia

130, 140, 121

Deuteranopia

153, 134, 118



Tritanopia
159, 125, 135

Trichromacy



Original Color
157, 131, 118

Protanomaly
146, 142, 120

Deuteranomaly
154, 134, 118

Tritanomaly
158, 126, 129

Monochromacy



Original Color
157, 131, 118

Achromatopsia
135, 135, 135

Achromatomaly
143, 133, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 131, 118 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, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(157, 128, 118)  
}
```

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, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 128, 118) }
```

Border

The CSS property to change the border of an element to RYB 157, 131, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

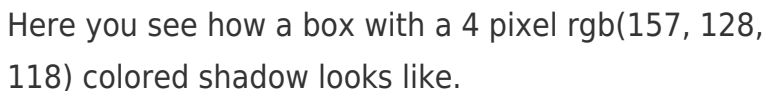
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 128, 118) }
```

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

```
.border{ border-color:rgb(157, 128, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 128, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 128, 118); box-shadow:4px 4px 4px 4px rgb(157, 128, 118) }
```

Background

The CSS property to change the background color of an element to RYB 157, 131, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 128, 118) }
```

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

```
.background{ background-color: rgb(157,  
128, 118) }
```

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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