

Converting Colors

`RYB(157, 126, 126)`

Have a look what the booklet for
RYB(157, 126, 126) contains.

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Color

R_YB(157, 126, 126)

Conversions

Conversions Part 1

Format	Color
Hex	9D7E7E
RGB	157, 126, 126
RGB Percent	62%, 49%, 49%
CMY	0.3843, 0.5059, 0.5059
CMYK	0.00, 0.20, 0.20, 0.38
HSL	0°, 14%, 55%
HSV	0°, 20%, 62%
XYZ	25.1314, 23.5962, 22.9686
YIQ	135.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

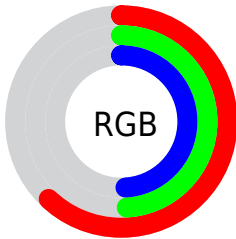
Format	Color
R_{YB}	157, 126, 126
Decimal	10321534
CIE _{Lab}	55.68, 11.95, 4.53
CIE _{LCh}	56, 12.779, 20.768
Yxy	23.5962, 0.3505, 0.3291
Android (android.graphics.Color)	4288511614 (0xFF9D7E7E)
YUV	135.2690, -4.5696, 19.0581
Hunter-Lab	48.5759, 7.3415, 5.9684

Details

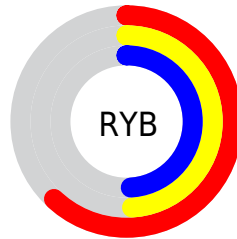
The RYB color **157, 126, 126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126, 142, 157**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **212, 179, 179**, and **105, 77, 77** is the 20% darker color. If you saturate the color by 10%, you get **157, 110, 110**, and if you desaturate by 10%, it is **157, 142, 142**.

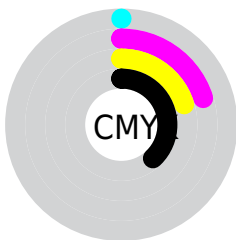
Distribution



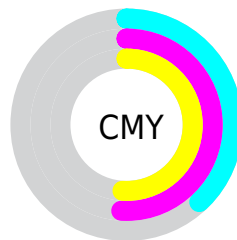
- Red (62%)
- Green (49%)
- Blue (49%)



- Red (62%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the RYB color 157, 126, 126 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, 126, 126 by changing the saturation by 10% instead.

 157, 126, 126


255, 255, 255

 212, 179, 179


 240, 206, 206

 255, 235, 234

 157, 126, 126

 131, 101, 101

 105, 77, 77

 81, 54, 54

 57, 32, 33

 36, 11, 10


 0, 0, 0

 157, 126, 126

 157, 110, 110


 157, 95, 95

 157, 126, 126


 157, 142, 142

 157, 157, 157


 157, 79, 79

 157, 165, 173


 157, 63, 63

 157, 173, 189

 157, 48, 48

 157, 181, 205

 157, 32, 32

 157, 189, 220

 157, 16, 16

 157, 197, 236

 157, 0, 0

 157, 205, 252

 157, 206, 255

Harmonies

Analogous

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



154, 126, 137



157, 126, 126



154, 133, 117

Triad

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



157, 126, 126



119, 138, 136



117, 129, 155

Complementary

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



157, 126, 126



126, 142, 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.



107, 125, 150



157, 126, 126



110, 128, 140

Square

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



157, 126, 126



113, 135, 114



105, 123, 141



131, 132, 154

Rectangle

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



157, 126, 126



149, 145, 113



105, 123, 141



113, 128, 154

Sweetspot

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



157, 126, 126



204, 192, 192



157, 126, 157



102, 95, 95



230, 230, 230



102, 102, 102

Same Dimension

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



157, 126, 126



204, 155, 155



155, 157, 126



79, 71, 71



143, 0, 0



15, 0, 0

Inverse Universe

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



126, 142, 157



155, 180, 204



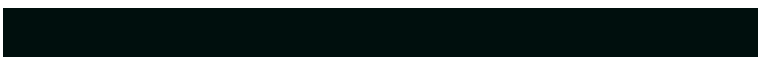
126, 137, 157



71, 75, 79



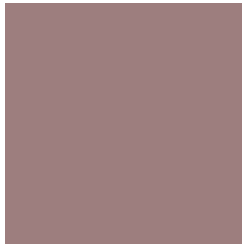
0, 72, 143



0, 8, 15

Previews

White Background



This preview shows how the RYB color 157, 126, 126 looks on a white background.

Color Contrast Check

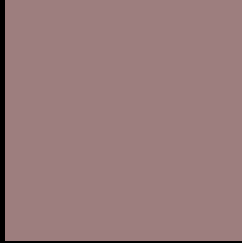
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

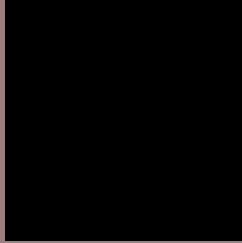
Any Text WCAG AA ✓ Pass

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](#).

RGB 157, 126, 126 Background



This preview shows how black text looks on a background with the RGB color 157, 126, 126.



This preview shows how white text looks on a background with the RGB color 157, 126, 126.

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, 126, 126

Protanopia
137, 135, 130

Deuteranopia
150, 130, 125



Tritanopia
158, 125, 134

Trichromacy



Original Color

157, 126, 126

Protanomaly

144, 130, 129

Deuteranomaly

153, 128, 125

Tritanomaly

158, 125, 131

Monochromacy



Original Color

157, 126, 126

Achromatopsia

135, 135, 135

Achromatomaly

143, 132, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 126, 126 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, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 126, 126)  
}
```

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, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 126, 126) }
```

Border

The CSS property to change the border of an element to RYB 157, 126, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

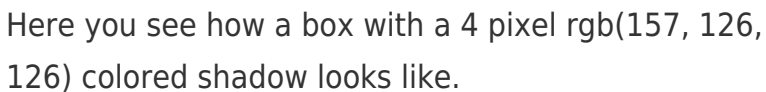
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 126, 126) }
```

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

```
.border{ border-color:rgb(157, 126, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 126, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 126, 126); box-shadow:4px 4px 4px 4px rgb(157, 126, 126) }
```

Background

The CSS property to change the background color of an element to RYB 157, 126, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 126, 126) }
```

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

```
.background{ background-color: rgb(157,  
126, 126) }
```

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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