

Converting Colors

`RYB(170, 159, 126)`

Have a look what the booklet for
RYB(170, 159, 126) contains.

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Color

R_YB(170, 159, 126)

Conversions

Conversions Part 1

Format	Color
Hex	AA917E
RGB	170, 145, 126
RGB Percent	67%, 57%, 49%
CMY	0.3333, 0.4319, 0.5059
CMYK	0.00, 0.15, 0.26, 0.33
HSL	26°, 21%, 58%
HSV	26°, 26%, 67%
XYZ	30.4470, 30.2596, 23.9746
YIQ	150.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

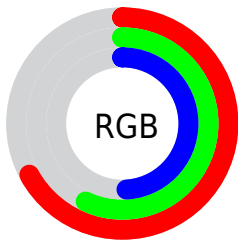
Format	Color
RYB	170, 159, 126
Decimal	11178366
CIELab	61.88, 6.44, 13.50
CIElCh	62, 14.957, 64.513
Yxy	30.2596, 0.3595, 0.3573
Android (android.graphics.Color)	4289368446 (0xFFAA917E)
YUV	150.3090, -11.9843, 17.2690
Hunter-Lab	55.0087, 2.5336, 12.6655

Details

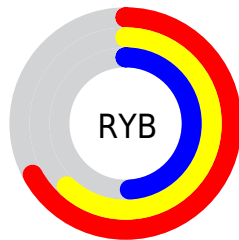
The RYB color **170, 159, 126** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126, 142, 170**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **226, 214, 179**, and **117, 110, 77** is the 20% darker color. If you saturate the color by 10%, you get **170, 154, 109**, and if you desaturate by 10%, it is **170, 165, 143**.

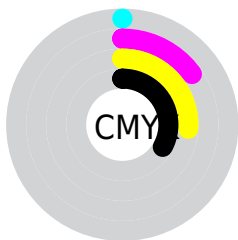
Distribution



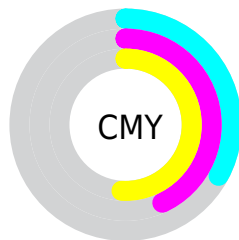
- Red (67%)
- Green (57%)
- Blue (49%)



- Red (67%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (33%)




- Cyan (33%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 159, 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 170, 159, 126 by changing the saturation by 10% instead.


 170, 159, 126


255, 255, 255

 226, 214, 179

 255, 243, 206


 234, 255, 234


 170, 159, 126

 143, 133, 101

 117, 107, 77

 92, 85, 54

 68, 59, 33

 43, 45, 10


 23, 2, 0


 0, 0, 0


 170, 159, 126


 170, 154, 109


 170, 159, 126


 170, 165, 143


 170, 149, 92


 170, 167, 160


 170, 147, 75


 170, 173, 177


 170, 142, 58

 170, 179, 194


 170, 137, 41

 170, 185, 211

 170, 135, 24

 170, 191, 228

 170, 130, 7

 170, 197, 245

 170, 128, 0

 170, 203, 255

 170, 206, 255

Harmonies

Analogous

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



177, 142, 135



170, 159, 126



135, 158, 123

Triad

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



170, 159, 126



117, 139, 157



155, 145, 171

Complementary

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



170, 159, 126



126, 142, 170

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.



137, 147, 176



170, 159, 126



115, 138, 164

Square

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



170, 159, 126



128, 149, 156



122, 142, 173



169, 142, 161

Rectangle

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



170, 159, 126



125, 152, 129



122, 142, 173



149, 147, 173

Sweetspot

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



170, 159, 126



222, 218, 204



170, 126, 152



112, 110, 101



240, 240, 240



112, 112, 112

Same Dimension

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



170, 159, 126



222, 206, 153



130, 170, 126



84, 81, 76



148, 110, 0



20, 16, 0

Inverse Universe

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



126, 142, 170



153, 178, 222



126, 130, 170



76, 79, 84



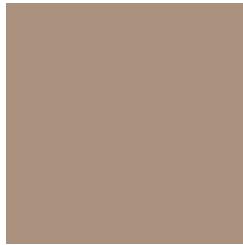
0, 54, 148



0, 8, 20

Previews

White Background



This preview shows how the RYB color 170, 159, 126 looks on a white background.

Color Contrast Check

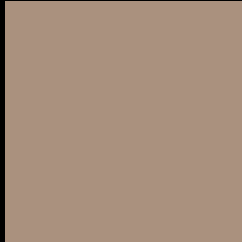
Large Text (above 18pt) WCAG AA × Fail

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 170, 159, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

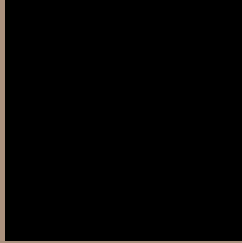
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 170, 159, 126 Background



This preview shows how black text looks on a background with the RYB color 170, 159, 126.



This preview shows how white text looks on a background with the RYB color 170, 159, 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
170, 159, 126

Protanopia
139, 157, 128

Deuteranopia
172, 156, 126



Tritanopia
173, 141, 152

Trichromacy



Original Color

170, 159, 126

Protanomaly

153, 162, 127

Deuteranomaly

171, 156, 126

Tritanomaly

172, 142, 143

Monochromacy



Original Color

170, 159, 126

Achromatopsia

150, 150, 150

Achromatomaly

157, 153, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 159, 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(170, 145, 126) looks like.

```
.text, #text, p{  
    color:rgb(170, 145, 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(170, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 145, 126) }
```

Border

The CSS property to change the border of an element to RYB 170, 159, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

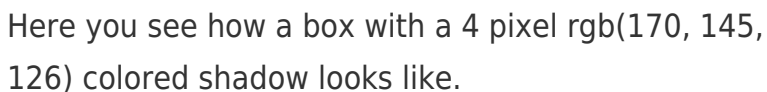
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 145, 126) }
```

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

```
.border{ border-color:rgb(170, 145, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 145, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 145, 126); box-shadow:4px 4px 4px 4px rgb(170, 145, 126) }
```

Background

The CSS property to change the background color of an element to RYB 170, 159, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 145, 126) }
```

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

```
.background{ background-color: rgb(170,  
145, 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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