

Converting Colors

`RYB(157, 170, 140)`

Have a look what the booklet for
RYB(157, 170, 140) contains.

RYB(157, 170, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(157, 170, 140)$

Conversions

Conversions Part 1

Format	Color
Hex	AA9F8C
RGB	170, 159, 140
RGB Percent	67%, 62%, 55%
CMY	0.3333, 0.3759, 0.4510
CMYK	0.00, 0.06, 0.18, 0.33
HSL	38°, 15%, 61%
HSV	38°, 18%, 67%
XYZ	33.7350, 35.2870, 29.8440
YIQ	160.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

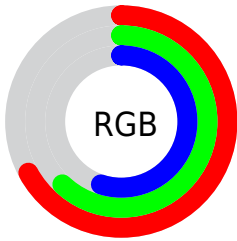
Format	Color
RYB	157, 170, 140
Decimal	11181964
CIELab	65.97, 0.69, 11.41
CIElCh	66, 11.435, 86.561
Yxy	35.2870, 0.3412, 0.3569
Android (android.graphics.Color)	4289372044 (0xFFAA9F8C)
YUV	160.1230, -9.9206, 8.6621
Hunter-Lab	59.4029, -2.5847, 11.7947

Details

The RYB color **157, 170, 140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 148, 170**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **211, 225, 194**, and **106, 118, 90** is the 20% darker color. If you saturate the color by 10%, you get **150, 170, 123**, and if you desaturate by 10%, it is **165, 170, 157**.

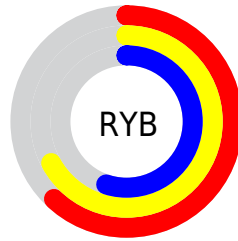
Distribution



Red (67%)

Green (62%)

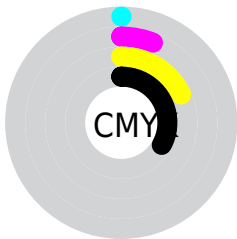
Blue (55%)



Red (62%)

Yellow (67%)

Blue (55%)

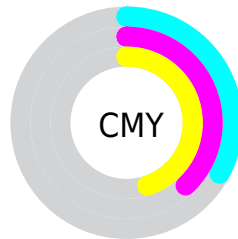


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 170, 140 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, 170, 140 by changing the saturation by 10% instead.

 157, 170, 140

255, 255, 255

 211, 225, 194

 240, 254, 221

 250, 255, 250

 157, 170, 140

 129, 143, 114

 106, 118, 90


 80, 93, 66

 56, 69, 44


 34, 46, 24

 14, 27, 0


 0, 0, 0

 157, 170, 140

 150, 170, 123


 157, 170, 140


 165, 170, 157


 142, 170, 106


 170, 171, 174


 134, 170, 89


 170, 176, 191


 126, 170, 72

 170, 180, 208


 121, 170, 55


 170, 185, 225


 113, 170, 38


 170, 189, 242


 106, 170, 21

 170, 193, 255

 98, 170, 4

 170, 196, 255

 95, 170, 0

 170, 199, 255

Harmonies

Analogous

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



179, 162, 144



157, 170, 140



142, 162, 145

Triad

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



157, 170, 140



134, 151, 169



173, 155, 172

Complementary

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



157, 170, 140



140, 148, 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.



161, 158, 179



157, 170, 140



138, 154, 177

Square

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



157, 170, 140



138, 154, 166



148, 158, 181



180, 153, 162

Rectangle

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



157, 170, 140



146, 164, 159



148, 158, 181



169, 156, 174

Sweetspot

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



157, 170, 140



217, 222, 211



170, 140, 151



108, 112, 105



240, 240, 240



112, 112, 112

Same Dimension

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



157, 170, 140



202, 222, 175



140, 170, 144



81, 84, 76



85, 148, 0



11, 20, 0

Inverse Universe

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



140, 148, 170



175, 187, 222



144, 140, 170



76, 78, 84



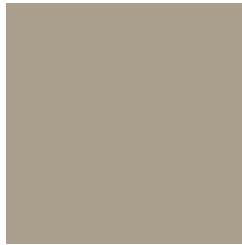
0, 39, 148



0, 5, 20

Previews

White Background



This preview shows how the RYB color 157, 170, 140 looks on a white background.

Color Contrast Check

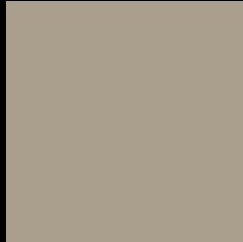
Large Text (above 18pt) WCAG AA × Fail

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 157, 170, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

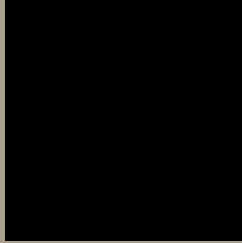
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

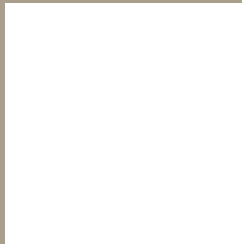
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 170, 140 Background



This preview shows how black text looks on a background with the RYB color 157, 170, 140.

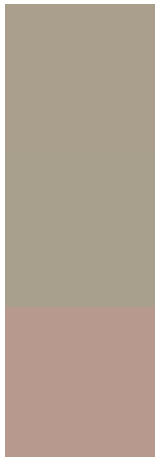


This preview shows how white text looks on a background with the RYB color 157, 170, 140.

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, 170, 140

Protanopia
151, 168, 140

Deuteranopia
183, 160, 141



Tritanopia
174, 155, 167

Trichromacy



Original Color

157, 170, 140

Protanomaly

153, 169, 140

Deuteranomaly

178, 166, 141

Tritanomaly

173, 157, 157

Monochromacy



Original Color

157, 170, 140

Achromatopsia

160, 160, 160

Achromatomaly

159, 164, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 170, 140 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, 159, 140) looks like.

```
.text, #text, p{  
    color:rgb(170, 159, 140)  
}
```

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, 159, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 159, 140) }
```

Border

The CSS property to change the border of an element to RYB 157, 170, 140 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, 159, 140) }
```

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

```
.border{ border-color:rgb(170, 159, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 159, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 159, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 159, 140);  
box-shadow:4px 4px 4px 4px rgb(170, 159,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 157, 170, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 159, 140) }
```

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

```
.background{ background-color: rgb(170,  
159, 140) }
```

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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