

Converting Colors

`RYB(157, 170, 130)`

Have a look what the booklet for
RYB(157, 170, 130) contains.

RYB(157, 170, 130)	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

$\text{RYB}(157, 170, 130)$

Conversions

Conversions Part 1

Format	Color
Hex	AA9A82
RGB	170, 154, 130
RGB Percent	67%, 60%, 51%
CMY	0.3333, 0.3965, 0.4902
CMYK	0.00, 0.09, 0.24, 0.33
HSL	36°, 19%, 59%
HSV	36°, 24%, 67%
XYZ	32.1427, 33.2296, 25.8389
YIQ	156.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

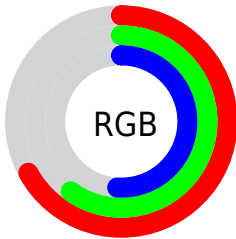
Format	Color
RYB	157, 170, 130
Decimal	11180674
CIELab	64.35, 2.03, 14.71
CIELCh	64, 14.845, 82.135
Yxy	33.2296, 0.3524, 0.3643
Android (android.graphics.Color)	4289370754 (0xFFAA9A82)
YUV	156.0480, -12.8417, 12.2359
Hunter-Lab	57.6451, -1.3478, 13.7753

Details

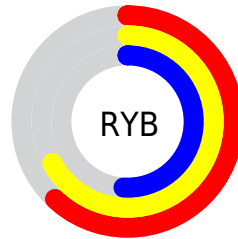
The RYB color **157, 170, 130** is a light color, and the websafe version is hex **999999**. A complement of this color would be **130, 141, 170**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **214, 226, 183**, and **104, 117, 81** is the 20% darker color. If you saturate the color by 10%, you get **152, 170, 113**, and if you desaturate by 10%, it is **162, 170, 147**.

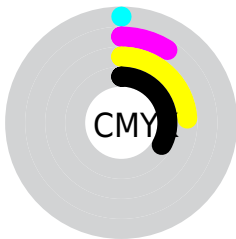
Distribution



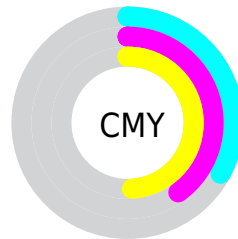
- Red (67%)
- Green (60%)
- Blue (51%)



- Red (62%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 170, 130 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, 130 by changing the saturation by 10% instead.

 157, 170, 130


255, 255, 255

 214, 226, 183

 242, 254, 211

 239, 255, 239

 157, 170, 130

 130, 143, 105

 104, 117, 81

 79, 92, 58

 55, 68, 36

 30, 45, 15


 20, 24, 0


 0, 0, 0

 157, 170, 130


 152, 170, 113


 157, 170, 130

 162, 170, 147


 146, 170, 96

 167, 170, 164


 141, 170, 79


 170, 173, 181


 136, 170, 62


 170, 178, 198


 128, 170, 45

 170, 183, 215

 123, 170, 28

 170, 188, 232

 118, 170, 11

 170, 193, 249

 116, 170, 0

 170, 197, 255

 170, 200, 255

Harmonies

Analogous

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



180, 157, 136



157, 170, 130



131, 158, 133

Triad

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



157, 170, 130



121, 143, 165



170, 150, 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, 130



130, 141, 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.



154, 154, 180



157, 170, 130



125, 146, 176

Square

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



157, 170, 130



128, 150, 164



137, 151, 182



181, 147, 160

Rectangle

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



157, 170, 130



136, 161, 151



137, 151, 182



165, 151, 176

Sweetspot

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



157, 170, 130



216, 222, 206



170, 130, 147



108, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



157, 170, 130



202, 222, 160



130, 170, 133



81, 84, 76



101, 148, 0



13, 20, 0

Inverse Universe

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



130, 141, 170



160, 178, 222



133, 130, 170



76, 78, 84



0, 43, 148



0, 6, 20

Previews

White Background



This preview shows how the RYB color 157, 170, 130 looks on a white background.

Color Contrast Check

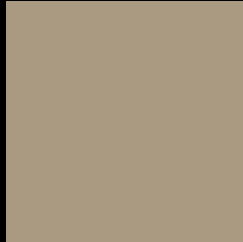
Large Text (above 18pt) WCAG AA × Fail

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, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

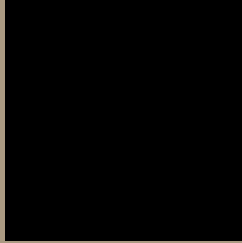
Any Text WCAG AA ✓ Pass

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, 130 Background



This preview shows how black text looks on a background with the RYB color 157, 170, 130.



This preview shows how white text looks on a background with the RYB color 157, 170, 130.

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, 130

Protanopia
143, 165, 131

Deuteranopia
180, 162, 131



Tritanopia
174, 149, 161

Trichromacy



Original Color
157, 170, 130

Protanomaly
149, 167, 131

Deuteranomaly
176, 167, 131

Tritanomaly
173, 151, 150

Monochromacy



Original Color
157, 170, 130

Achromatopsia
156, 156, 156

Achromatomaly
158, 161, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 170, 130 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, 154, 130) looks like.

```
.text, #text, p{  
    color:rgb(170, 154, 130)  
}
```

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, 154, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 154, 130) }
```

Border

The CSS property to change the border of an element to RYB 157, 170, 130 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, 154, 130) }
```

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

```
.border{ border-color:rgb(170, 154, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 154, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 154, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 154, 130);  
box-shadow:4px 4px 4px 4px rgb(170, 154,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 157, 170, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 154, 130) }
```

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

```
.background{ background-color: rgb(170,  
154, 130) }
```

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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