

Converting Colors

`RYB(151, 171, 130)`

Have a look what the booklet for
RYB(151, 171, 130) contains.

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Color

R_YB(151, 171, 130)

Conversions

Conversions Part 1

Format	Color
Hex	AB9D82
RGB	171, 157, 130
RGB Percent	67%, 62%, 51%
CMY	0.3294, 0.3839, 0.4902
CMYK	0.00, 0.08, 0.24, 0.33
HSL	40°, 20%, 59%
HSV	40°, 24%, 67%
XYZ	32.8999, 34.4218, 26.0292
YIQ	158.1080, 17.0110, -5.4290

Conversions

Conversions Part 2

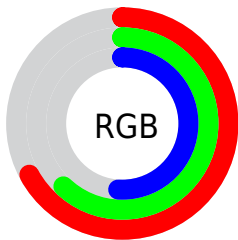
Format	Color
RYB	151, 171, 130
Decimal	11246978
CIELab	65.30, 0.65, 16.04
CIELCh	65, 16.053, 87.671
Yxy	34.4218, 0.3524, 0.3687
Android (android.graphics.Color)	4289437058 (0xFFAB9D82)
YUV	158.1080, -13.8572, 11.3063
Hunter-Lab	58.6701, -2.5767, 14.7649

Details

The RYB color **151, 171, 130** is a light color, and the websafe version is hex **999966**. A complement of this color would be **130, 140, 171**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **208, 227, 183**, and **99, 118, 81** is the 20% darker color. If you saturate the color by 10%, you get **144, 171, 113**, and if you desaturate by 10%, it is **159, 171, 147**.

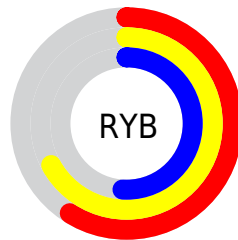
Distribution



Red (67%)

Green (62%)

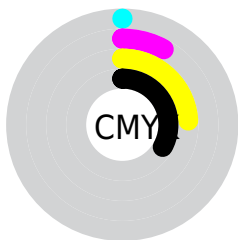
Blue (51%)



Red (59%)

Yellow (67%)

Blue (51%)

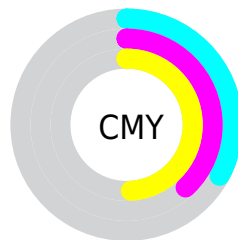


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (33%)



Cyan (33%)


Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 171, 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 151, 171, 130 by changing the saturation by 10% instead.


 151, 171, 130


255, 255, 255


 206, 227, 183

 234, 255, 211

 239, 255, 239

 151, 171, 130

 125, 144, 105

 99, 118, 81


 73, 93, 57


 50, 69, 36


 28, 46, 15

 12, 25, 0

 0, 0, 0

 151, 171, 130

 144, 171, 113

 151, 171, 130

 159, 171, 147

■ 134, 171, 96

■ 167, 171, 164

■ 126, 171, 79

■ 171, 173, 181

■ 118, 171, 62

■ 171, 178, 198

■ 109, 171, 44

■ 171, 182, 215

■ 101, 171, 27

■ 171, 187, 233

■ 91, 171, 10

■ 171, 191, 250

■ 88, 171, 0

■ 171, 194, 255

■ 171, 197, 255

Harmonies

Analogous

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



183, 164, 135



151, 171, 130



133, 162, 140

Triad

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



151, 171, 130



120, 144, 171



176, 151, 174

Complementary

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



151, 171, 130



130, 140, 171

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.



160, 155, 184



151, 171, 130



126, 149, 182

Square

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



151, 171, 130



126, 149, 167



141, 154, 187



186, 149, 160

Rectangle

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



151, 171, 130



139, 164, 159



141, 154, 187



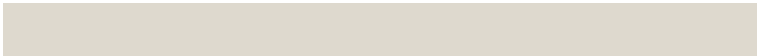
171, 152, 178

Sweetspot

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



151, 171, 130



213, 222, 206



171, 130, 144



108, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



151, 171, 130



192, 222, 158



130, 171, 136



83, 87, 78



77, 150, 0



12, 23, 0

Inverse Universe

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



130, 140, 171



158, 174, 222



136, 130, 171



78, 80, 87



0, 38, 150



0, 6, 23

Previews

White Background



This preview shows how the RYB color 151, 171, 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 151, 171, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

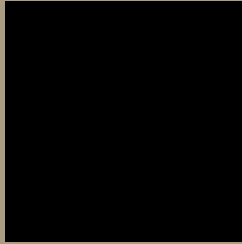
Any Text WCAG AA ✓ Pass

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](#).

RYB 151, 171, 130 Background



This preview shows how black text looks on a background with the RYB color 151, 171, 130.



This preview shows how white text looks on a background with the RYB color 151, 171, 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
151, 171, 130

Protanopia
145, 168, 131

Deuteranopia
183, 166, 131



Tritanopia
175, 152, 164

Trichromacy



Original Color

151, 171, 130

Protanomaly

146, 169, 131

Deuteranomaly

179, 175, 131

Tritanomaly

174, 154, 152

Monochromacy



Original Color

151, 171, 130

Achromatopsia

158, 158, 158

Achromatomaly

156, 163, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 171, 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(171, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 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(171, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 130) }
```

Border

The CSS property to change the border of an element to RYB 151, 171, 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(171, 157, 130) }
```

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

```
.border{ border-color:rgb(171, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 151, 171, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 130) }
```

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

```
.background{ background-color: rgb(171,  
157, 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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