

Converting Colors

`RYB(171, 131, 113)`

Have a look what the booklet for
RYB(171, 131, 113) contains.

RYB(171, 131, 113)	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

R_YB(171, 131, 113)

Conversions

Conversions Part 1

Format	Color
Hex	AB7F71
RGB	171, 127, 113
RGB Percent	67%, 50%, 44%
CMY	0.3294, 0.5030, 0.5569
CMYK	0.00, 0.26, 0.34, 0.33
HSL	14°, 26%, 56%
HSV	14°, 34%, 67%
XYZ	27.3306, 24.9610, 19.0003
YIQ	138.5600, 30.7180, 4.9740

Conversions

Conversions Part 2

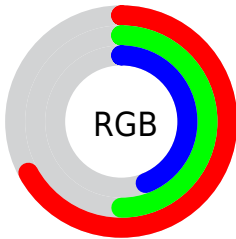
Format	Color
R_{YB}	171, 131, 113
Decimal	11239281
CIE _{Lab}	57.04, 15.20, 14.16
CIE _{LCh}	57, 20.779, 42.973
Yxy	24.9610, 0.3834, 0.3501
Android (android.graphics.Color)	4289429361 (0xFFAB7F71)
YUV	138.5600, -12.6011, 28.4499
Hunter-Lab	49.9610, 10.2148, 12.4246

Details

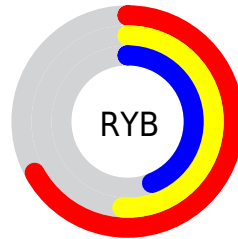
The RYB color **171, 131, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113, 138, 171**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **227, 185, 165**, and **117, 82, 65** is the 20% darker color. If you saturate the color by 10%, you get **171, 120, 96**, and if you desaturate by 10%, it is **171, 143, 130**.

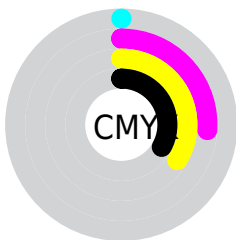
Distribution



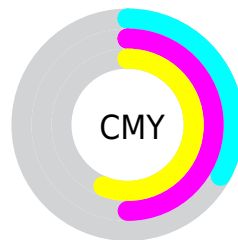
- Red (67%)
- Green (50%)
- Blue (44%)



- Red (67%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (33%)




- Cyan (33%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 131, 113 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 171, 131, 113 by changing the saturation by 10% instead.

 171, 131, 113


255, 255, 255

 227, 185, 165

 255, 212, 192


 255, 246, 220

 248, 255, 248

 171, 131, 113

 144, 106, 89

 117, 81, 65

 92, 57, 43


 67, 37, 22


 44, 17, 0


 6, 0, 0

 0, 0, 0

 171, 131, 113

 171, 120, 96

 171, 131, 113

 171, 143, 130

■ 171, 108, 79

■ 171, 155, 147

■ 171, 96, 62

■ 171, 167, 164

■ 171, 84, 45

■ 171, 175, 181

■ 171, 72, 27

■ 171, 183, 198

■ 171, 60, 10

■ 171, 190, 216

■ 171, 54, 0

■ 171, 198, 233

■ 171, 205, 250

■ 171, 210, 255

Harmonies

Analogous

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



174, 124, 130



171, 131, 113



158, 160, 103

Triad

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



171, 131, 113



102, 130, 146



126, 134, 172

Complementary

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



171, 131, 113



113, 138, 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.



101, 127, 171



171, 131, 113



87, 118, 147

Square

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



171, 131, 113



110, 143, 131



86, 119, 161



150, 130, 163

Rectangle

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



171, 131, 113



117, 148, 101



86, 119, 161



117, 132, 173

Sweetspot

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



171, 131, 113



222, 206, 200



171, 113, 157



112, 103, 99



240, 240, 240



112, 112, 112

Same Dimension

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



171, 131, 113



222, 158, 131



133, 171, 113



87, 81, 78



150, 47, 0



23, 6, 0

Inverse Universe

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



113, 138, 171



131, 170, 222



113, 125, 171



78, 82, 87



0, 65, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 171, 131, 113 looks on a white background.

Color Contrast Check

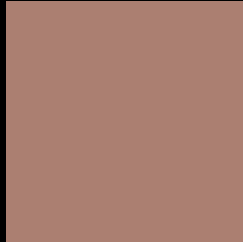
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 131, 113 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](#).

RYB 171, 131, 113 Background



This preview shows how black text looks on a background with the RYB color 171, 131, 113.



This preview shows how white text looks on a background with the RYB color 171, 131, 113.

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
171, 131, 113

Protanopia
128, 144, 118

Deuteranopia
159, 147, 112



Tritanopia
173, 124, 133

Trichromacy



Original Color

171, 131, 113

Protanomaly

154, 147, 116

Deuteranomaly

163, 140, 112

Tritanomaly

172, 125, 126

Monochromacy



Original Color

171, 131, 113

Achromatopsia

138, 138, 138

Achromatomaly

150, 136, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 131, 113 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, 127, 113)` looks like.

```
.text, #text, p{  
    color:rgb(171, 127, 113)  
}
```

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, 127, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 127, 113) }
```

Border

The CSS property to change the border of an element to RYB 171, 131, 113 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, 127, 113) }
```

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

```
.border{ border-color:rgb(171, 127, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 127, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 127, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 127, 113);  
box-shadow:4px 4px 4px 4px rgb(171, 127,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 171, 127, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 127, 113) }
```

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

```
.background{ background-color: rgb(171,  
127, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor