

Converting Colors

`RYB(171, 153, 133)`

Have a look what the booklet for
RYB(171, 153, 133) contains.

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Color

RYB(171, 153, 133)

Conversions

Conversions Part 1

Format	Color
Hex	AB9285
RGB	171, 146, 133
RGB Percent	67%, 57%, 52%
CMY	0.3294, 0.4270, 0.4784
CMYK	0.00, 0.15, 0.22, 0.33
HSL	21°, 18%, 60%
HSV	21°, 22%, 67%
XYZ	31.3231, 30.9411, 26.5116
YIQ	151.9930, 19.0730, 1.2570

Conversions

Conversions Part 2

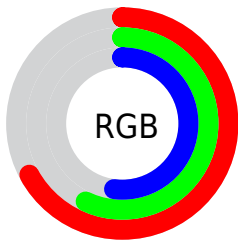
Format	Color
RYB	171, 153, 133
Decimal	11244165
CIELab	62.46, 7.18, 10.38
CIELCh	62, 12.627, 55.319
Yxy	30.9411, 0.3528, 0.3485
Android (android.graphics.Color)	4289434245 (0xFFAB9285)
YUV	151.9930, -9.3635, 16.6691
Hunter-Lab	55.6247, 3.1727, 10.6787

Details

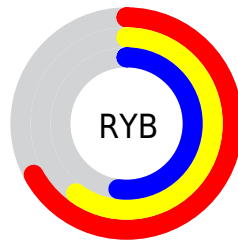
The RYB color **171, 153, 133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **133, 148, 171**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **227, 207, 186**, and **118, 104, 83** is the 20% darker color. If you saturate the color by 10%, you get **171, 145, 116**, and if you desaturate by 10%, it is **171, 161, 150**.

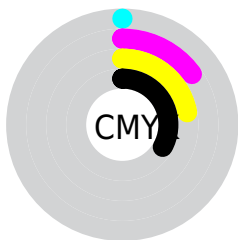
Distribution



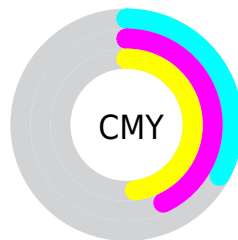
- Red (67%)
- Green (57%)
- Blue (52%)



- Red (67%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (33%)




- Cyan (33%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 153, 133 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, 153, 133 by changing the saturation by 10% instead.


 171, 153, 133


255, 255, 255

 227, 207, 186


 255, 235, 214

 242, 255, 242

 171, 153, 133

 144, 126, 108

 118, 104, 83

 93, 79, 60


 69, 54, 39


 46, 34, 18


 25, 3, 0


 0, 0, 0


 171, 153, 133


 171, 145, 116


 171, 153, 133


 171, 161, 150


 171, 137, 99


 171, 171, 167


 171, 127, 82


 171, 176, 184


 171, 120, 65

 171, 183, 201


 171, 112, 48


 171, 190, 218

 171, 105, 30


 171, 197, 236

 171, 97, 13

 171, 204, 253

 171, 90, 0

 171, 208, 255

 171, 211, 255

Harmonies

Analogous

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



175, 144, 142



171, 153, 133



148, 162, 129

Triad

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



171, 153, 133



127, 145, 158



151, 149, 171

Complementary

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



171, 153, 133



133, 148, 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.



137, 148, 173



171, 153, 133



122, 140, 160

Square

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



171, 153, 133



137, 155, 156



126, 144, 169



164, 145, 164

Rectangle

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



171, 153, 133



131, 154, 129



126, 144, 169



146, 149, 172

Sweetspot

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



171, 153, 133



222, 216, 206



171, 133, 158



112, 108, 103



240, 240, 240



112, 112, 112

Same Dimension

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



171, 153, 133



222, 194, 162



140, 171, 133



87, 83, 78



150, 80, 0



23, 12, 0

Inverse Universe

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



133, 148, 171



162, 186, 222



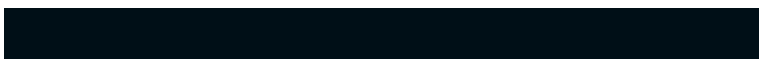
133, 138, 171



78, 82, 87



0, 60, 150



0, 9, 23

Previews

White Background



This preview shows how the RYB color 171, 153, 133 looks on a white background.

Color Contrast Check

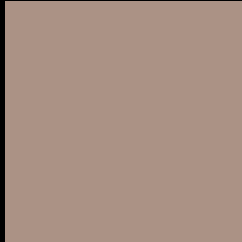
Large Text (above 18pt) WCAG AA × Fail

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 171, 153, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

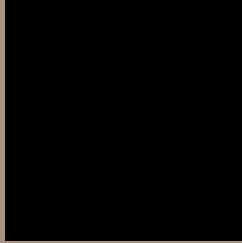
Any Text WCAG AA ✓ Pass

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 171, 153, 133 Background



This preview shows how black text looks on a background with the RYB color 171, 153, 133.



This preview shows how white text looks on a background with the RYB color 171, 153, 133.

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, 153, 133

Protanopia

145, 158, 135

Deuteranopia

172, 153, 133



Tritanopia
174, 143, 154

Trichromacy



Original Color

171, 153, 133

Protanomaly

161, 163, 134

Deuteranomaly

172, 153, 133

Tritanomaly

173, 144, 146

Monochromacy



Original Color

171, 153, 133

Achromatopsia

152, 152, 152

Achromatomaly

159, 153, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 153, 133 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, 146, 133)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 133)  
}
```

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, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 133) }
```

Border

The CSS property to change the border of an element to RYB 171, 153, 133 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, 146, 133) }
```

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

```
.border{ border-color:rgb(171, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 146, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 146, 133); box-shadow:4px 4px 4px 4px rgb(171, 146, 133) }
```

Background

The CSS property to change the background color of an element to RYB 171, 153, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 133) }
```

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

```
.background{ background-color: rgb(171,  
146, 133) }
```

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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