

Converting Colors

`RYB(137, 171, 134)`

Have a look what the booklet for
RYB(137, 171, 134) contains.

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Color

R_YB(137, 171, 134)

Conversions

Conversions Part 1

Format	Color
Hex	ABA886
RGB	171, 168, 134
RGB Percent	67%, 66%, 53%
CMY	0.3294, 0.3403, 0.4745
CMYK	0.00, 0.02, 0.22, 0.33
HSL	56°, 18%, 60%
HSV	56°, 22%, 67%
XYZ	35.1419, 38.4676, 28.1271
YIQ	165.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

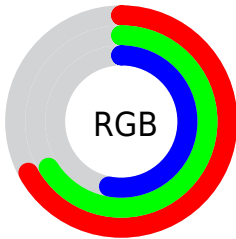
Format	Color
RYB	137, 171, 134
Decimal	11249798
CIELab	68.36, -4.77, 18.08
CIELCh	68, 18.699, 104.784
Yxy	38.4676, 0.3454, 0.3781
Android (android.graphics.Color)	4289439878 (0xFFABA886)
YUV	165.0210, -15.2934, 5.2436
Hunter-Lab	62.0222, -7.4006, 16.5276

Details

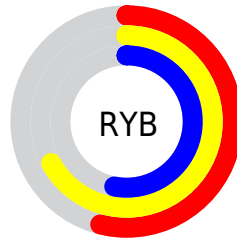
The RYB color **137, 171, 134** is a light color, and the websafe version is hex **999966**. A complement of this color would be **134, 137, 171**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **191, 227, 187**, and **86, 118, 84** is the 20% darker color. If you saturate the color by 10%, you get **121, 171, 117**, and if you desaturate by 10%, it is **152, 171, 151**.

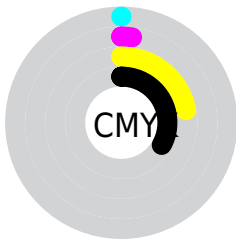
Distribution



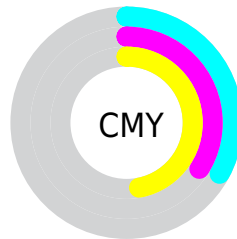
- Red (67%)
- Green (66%)
- Blue (53%)



- Red (54%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (33%)




- Cyan (33%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 171, 134 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 137, 171, 134 by changing the saturation by 10% instead.

 137, 171, 134


255, 255, 255

 191, 227, 187

 218, 255, 215

 244, 255, 244

 137, 171, 134


 111, 144, 109

 86, 118, 84

 62, 93, 61

 40, 69, 39

 19, 47, 18

 1, 26, 0

 0, 0, 0

 137, 171, 134

 121, 171, 117

 137, 171, 134

 152, 171, 151

■ 105, 171, 100

■ 168, 171, 168

■ 91, 171, 83

■ 171, 172, 185

■ 75, 171, 66

■ 171, 173, 202

■ 59, 171, 49

■ 171, 175, 219

■ 42, 171, 31

■ 171, 176, 237

■ 27, 171, 14

■ 171, 177, 254

■ 14, 171, 0

■ 171, 177, 255

■ 171, 179, 255

Harmonies

Analogous

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



181, 188, 134



137, 171, 134



142, 173, 163

Triad

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



137, 171, 134



123, 152, 190



195, 156, 176

Complementary

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



137, 171, 134



134, 137, 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.



180, 160, 191



137, 171, 134



137, 159, 199

Square

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



137, 171, 134



122, 149, 176



158, 164, 199



202, 155, 159

Rectangle

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



137, 171, 134



139, 165, 175



158, 164, 199



191, 157, 181

Sweetspot

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



137, 171, 134



210, 222, 209



171, 134, 137



104, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



137, 171, 134



168, 222, 164



134, 171, 149



79, 87, 78



12, 150, 0



2, 23, 0

Inverse Universe

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



134, 137, 171



164, 168, 222



149, 134, 171



78, 79, 87



0, 10, 150



0, 2, 23

Previews

White Background



This preview shows how the RYB color 137, 171, 134 looks on a white background.

Color Contrast Check

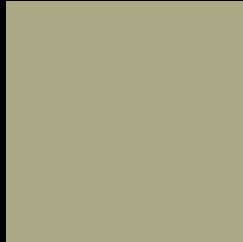
Large Text (above 18pt) WCAG AA × Fail

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 137, 171, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

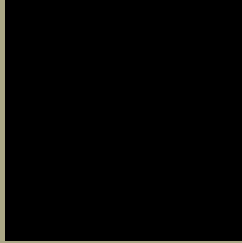
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

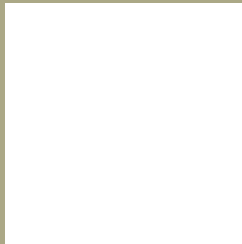
Any Text WCAG AAA ✓ Pass

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

RYB 137, 171, 134 Background



This preview shows how black text looks on a background with the RYB color 137, 171, 134.



This preview shows how white text looks on a background with the RYB color 137, 171, 134.

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
137, 171, 134

Protanopia
148, 177, 133

Deuteranopia
193, 177, 136



Tritanopia
176, 163, 175

Trichromacy



Original Color

137, 171, 134

Protanomaly

143, 175, 133

Deuteranomaly

174, 185, 135

Tritanomaly

174, 168, 160

Monochromacy



Original Color

137, 171, 134

Achromatopsia

165, 165, 165

Achromatomaly

155, 167, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 171, 134 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, 168, 134)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 134)  
}
```

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, 168, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 134) }
```

Border

The CSS property to change the border of an element to RYB 137, 171, 134 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, 168, 134) }
```

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

```
.border{ border-color:rgb(171, 168, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 134);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 171, 168, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 134) }
```

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

```
.background{ background-color: rgb(171,  
168, 134) }
```

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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