

Converting Colors

`RYB(137, 146, 130)`

Have a look what the booklet for
RYB(137, 146, 130) contains.

RYB(137, 146, 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

R_YB(137, 146, 130)

Conversions

Conversions Part 1

Format	Color
Hex	928D82
RGB	146, 141, 130
RGB Percent	57%, 55%, 51%
CMY	0.4275, 0.4465, 0.4902
CMYK	0.00, 0.03, 0.11, 0.43
HSL	42°, 7%, 54%
HSV	42°, 11%, 57%
XYZ	25.4274, 26.8109, 24.9540
YIQ	141.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

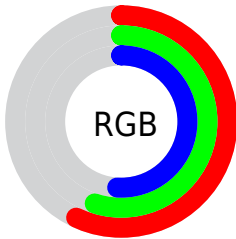
Format	Color
RYB	137, 146, 130
Decimal	9604482
CIELab	58.80, -0.23, 6.57
CIElCh	59, 6.575, 92.043
Yxy	26.8109, 0.3294, 0.3473
Android (android.graphics.Color)	4287794562 (0xFF928D82)
YUV	141.2410, -5.5418, 4.1736
Hunter-Lab	51.7793, -2.9571, 7.6719

Details

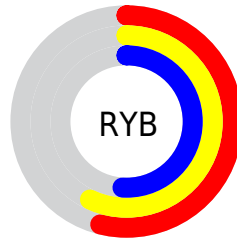
The RYB color **137, 146, 130** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130, 134, 146**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **190, 200, 183**, and **87, 95, 81** is the 20% darker color. If you saturate the color by 10%, you get **128, 146, 115**, and if you desaturate by 10%, it is **145, 146, 145**.

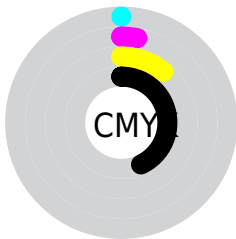
Distribution



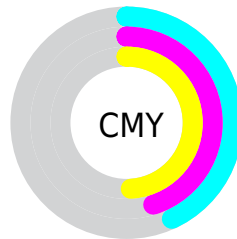
- Red (57%)
- Green (55%)
- Blue (51%)



- Red (54%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 146, 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 137, 146, 130 by changing the saturation by 10% instead.

 137, 146, 130


255, 255, 255

 190, 200, 183

 218, 228, 211

 244, 255, 239

 137, 146, 130

 110, 120, 105

 87, 95, 81

 64, 72, 58

 42, 49, 36


 19, 28, 15


 0, 0, 0

 137, 146, 130

 128, 146, 115

 121, 146, 101

 137, 146, 130

 145, 146, 145

 146, 149, 159

■ 112, 146, 86

■ 146, 152, 174

■ 105, 146, 72

■ 146, 156, 188

■ 96, 146, 57

■ 146, 159, 203

■ 88, 146, 42

■ 146, 163, 218

■ 80, 146, 28

■ 146, 166, 232

■ 70, 146, 13

■ 146, 170, 247

■ 63, 146, 0

■ 146, 172, 255

Harmonies

Analogous

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



151, 144, 131



137, 146, 130



132, 143, 136

Triad

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



137, 146, 130



127, 136, 147



150, 138, 147

Complementary

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



137, 146, 130



130, 134, 146

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.



143, 140, 151



137, 146, 130



130, 138, 151

Square

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



137, 146, 130



129, 138, 145



136, 140, 153



153, 138, 141

Rectangle

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



137, 146, 130



134, 144, 143



136, 140, 153



148, 139, 149

Sweetspot

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



137, 146, 130



186, 189, 183



146, 130, 135



93, 94, 91



222, 222, 222



94, 94, 94

Same Dimension

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



137, 146, 130



176, 189, 164



130, 146, 133



70, 74, 67



60, 138, 0



4, 10, 0

Inverse Universe

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



130, 134, 146



164, 170, 189



133, 130, 146



67, 69, 74



0, 32, 138



0, 2, 10

Previews

White Background



This preview shows how the RYB color 137, 146, 130 looks on a white background.

Color Contrast Check

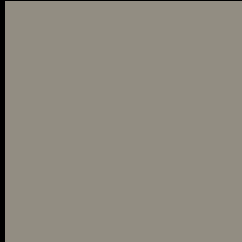
Large Text (above 18pt) WCAG AA ✓ Pass

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 137, 146, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

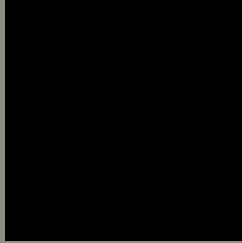
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

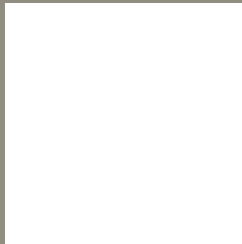
Any Text WCAG AAA × Fail

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

RYB 137, 146, 130 Background



This preview shows how black text looks on a background with the RYB color 137, 146, 130.



This preview shows how white text looks on a background with the RYB color 137, 146, 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
137, 146, 130

Protanopia
139, 147, 130

Deuteranopia
159, 137, 131



Tritanopia
149, 138, 149

Trichromacy



Original Color

137, 146, 130

Protanomaly

139, 147, 130

Deuteranomaly

154, 141, 131

Tritanomaly

148, 139, 142

Monochromacy



Original Color

137, 146, 130

Achromatopsia

141, 141, 141

Achromatomaly

140, 143, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 146, 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(146, 141, 130) looks like.

```
.text, #text, p{  
    color:rgb(146, 141, 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(146, 141, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 141, 130) }
```

Border

The CSS property to change the border of an element to RYB 137, 146, 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(146, 141, 130) }
```

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

```
.border{ border-color:rgb(146, 141, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 141, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 141, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 141, 130);  
box-shadow:4px 4px 4px 4px rgb(146, 141,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 137, 146, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 141, 130) }
```

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

```
.background{ background-color: rgb(146,  
141, 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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