

Converting Colors

`RYB(137, 162, 130)`

Have a look what the booklet for
RYB(137, 162, 130) contains.

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Color

R_YB(137, 162, 130)

Conversions

Conversions Part 1

Format	Color
Hex	A29C82
RGB	162, 156, 130
RGB Percent	64%, 61%, 51%
CMY	0.3647, 0.3872, 0.4902
CMYK	0.00, 0.04, 0.20, 0.36
HSL	49°, 15%, 57%
HSV	49°, 20%, 64%
XYZ	30.8611, 33.1562, 25.8923
YIQ	154.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

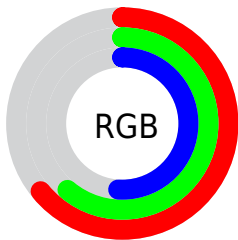
Format	Color
RYB	137, 162, 130
Decimal	10656898
CIELab	64.29, -2.41, 14.52
CIELCh	64, 14.716, 99.411
Yxy	33.1562, 0.3432, 0.3688
Android (android.graphics.Color)	4288846978 (0xFFA29C82)
YUV	154.8300, -12.2412, 6.2881
Hunter-Lab	57.5814, -5.0993, 13.6464

Details

The RYB color **137, 162, 130** is a light color, and the websafe version is hex **999966**. A complement of this color would be **130, 135, 162**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **192, 217, 183**, and **87, 110, 81** is the 20% darker color. If you saturate the color by 10%, you get **125, 162, 114**, and if you desaturate by 10%, it is **150, 162, 146**.

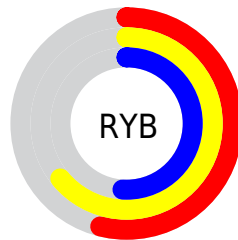
Distribution



Red (64%)

Green (61%)

Blue (51%)



Red (54%)

Yellow (64%)

Blue (51%)

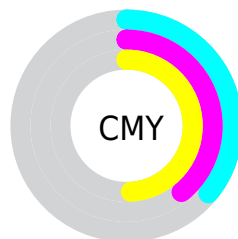


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 162, 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, 162, 130 by changing the saturation by 10% instead.

 137, 162, 130


255, 255, 255

 190, 217, 183


 220, 246, 211


 239, 255, 239

 137, 162, 130


 112, 136, 105

 87, 110, 81

 63, 85, 58

 41, 62, 36


 18, 40, 15


 1, 17, 0

 0, 0, 0

 137, 162, 130

 125, 162, 114

 137, 162, 130

 150, 162, 146

■ 113, 162, 98

■ 162, 162, 162

■ 98, 162, 81

■ 162, 165, 179

■ 86, 162, 65

■ 162, 167, 195

■ 73, 162, 49

■ 162, 170, 211

■ 61, 162, 33

■ 162, 172, 227

■ 49, 162, 17

■ 162, 175, 243

■ 35, 162, 0

■ 162, 177, 255

■ 162, 178, 255

Harmonies

Analogous

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



175, 169, 132



137, 162, 130



135, 160, 148

Triad

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



137, 162, 130



122, 145, 172



177, 148, 165

Complementary

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



137, 162, 130



130, 135, 162

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.



163, 151, 176



137, 162, 130



131, 149, 180

Square

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



137, 162, 130



123, 145, 164



147, 154, 182



183, 147, 152

Rectangle

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



137, 162, 130



137, 158, 162



147, 154, 182



173, 149, 169

Sweetspot

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



137, 162, 130



203, 212, 199



162, 130, 136



101, 107, 100



235, 235, 235



107, 107, 107

Same Dimension

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



137, 162, 130



172, 212, 161



130, 162, 140



76, 82, 73



32, 145, 0



4, 18, 0

Inverse Universe

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



130, 135, 162



161, 169, 212



140, 130, 162



73, 75, 82



0, 22, 145



0, 3, 18

Previews

White Background



This preview shows how the RYB color 137, 162, 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 137, 162, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

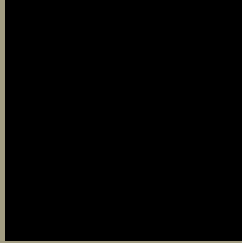
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

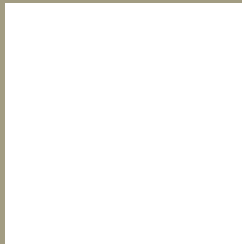
Any Text WCAG AAA ✓ Pass

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

RYB 137, 162, 130 Background



This preview shows how black text looks on a background with the RYB color 137, 162, 130.



This preview shows how white text looks on a background with the RYB color 137, 162, 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, 162, 130

Protanopia

142, 164, 130

Deuteranopia

180, 162, 131



Tritanopia
166, 152, 163

Trichromacy



Original Color

137, 162, 130

Protanomaly

141, 163, 130

Deuteranomaly

173, 173, 131

Tritanomaly

165, 155, 151

Monochromacy



Original Color

137, 162, 130

Achromatopsia

155, 155, 155

Achromatomaly

150, 158, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 162, 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(162, 156, 130) looks like.

```
.text, #text, p{  
    color:rgb(162, 156, 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(162, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 156, 130) }
```

Border

The CSS property to change the border of an element to RYB 137, 162, 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(162, 156, 130) }
```

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

```
.border{ border-color:rgb(162, 156, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(162, 156,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 137, 162, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 156, 130) }
```

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

```
.background{ background-color: rgb(162,  
156, 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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