

Converting Colors

`RYB(130, 163, 137)`

Have a look what the booklet for
RYB(130, 163, 137) contains.

RYB(130, 163, 137)	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(130, 163, 137)

Conversions

Conversions Part 1

Format	Color
Hex	9CA382
RGB	156, 163, 130
RGB Percent	61%, 64%, 51%
CMY	0.3882, 0.3608, 0.4902
CMYK	0.04, 0.00, 0.20, 0.36
HSL	73°, 15%, 57%
HSV	73°, 20%, 64%
XYZ	30.8368, 34.8740, 26.2252
YIQ	157.1450, 6.4210, -11.7470

Conversions

Conversions Part 2

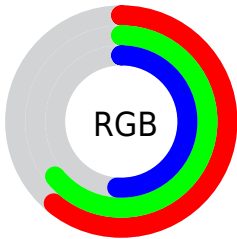
Format	Color
RYB	130, 163, 137
Decimal	10265474
CIELab	65.65, -8.37, 16.34
CIELCh	66, 18.360, 117.132
Yxy	34.8740, 0.3354, 0.3793
Android (android.graphics.Color)	4288455554 (0xFF9CA382)
YUV	157.1450, -13.3825, -1.0042
Hunter-Lab	59.0542, -10.1363, 15.0081

Details

The RYB color **130, 163, 137** is a light color, and the websafe version is hex **999966**. A complement of this color would be **137, 130, 163**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **183, 218, 190**, and **81, 111, 87** is the 20% darker color. If you saturate the color by 10%, you get **114, 163, 124**, and if you desaturate by 10%, it is **146, 163, 150**.

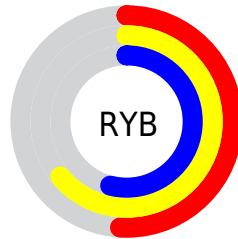
Distribution



Red (61%)

Green (64%)

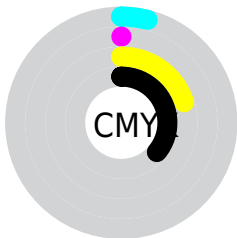
Blue (51%)



Red (51%)

Yellow (64%)

Blue (54%)

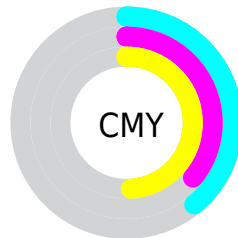


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (39%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 163, 137 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 130, 163, 137 by changing the saturation by 10% instead.


 130, 163, 137


255, 255, 255


 183, 218, 190

 211, 246, 218

 239, 255, 239

 130, 163, 137

 105, 137, 112

 81, 111, 87

 57, 87, 64


 36, 64, 43


 15, 42, 22


 0, 22, 12

 0, 0, 0

 130, 163, 137

 114, 163, 124

 130, 163, 137

 146, 163, 150

■ 97, 163, 111

■ 163, 163, 163

■ 81, 163, 98

■ 166, 163, 179

■ 65, 163, 86

■ 170, 163, 195

■ 49, 163, 73

■ 173, 163, 211

■ 32, 163, 60

■ 177, 163, 228

■ 16, 163, 47

■ 180, 163, 244

■ 0, 163, 35

■ 184, 163, 255

■ 187, 163, 255

Harmonies

Analogous

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



151, 174, 127



130, 163, 137



137, 163, 167

Triad

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



130, 163, 137



121, 148, 187



191, 148, 162

Complementary

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



130, 163, 137



137, 130, 163

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.



179, 151, 178



130, 163, 137



139, 155, 192

Square

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



130, 163, 137



115, 143, 174



160, 156, 189



194, 149, 145

Rectangle

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



130, 163, 137



126, 152, 168



160, 156, 189



188, 149, 167

Sweetspot

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



130, 163, 137



199, 212, 202



163, 139, 130



100, 107, 101



235, 235, 235



107, 107, 107

Same Dimension

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



130, 163, 137



161, 212, 172



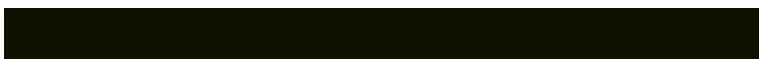
130, 163, 153



73, 82, 75



0, 145, 30



0, 18, 4

Inverse Universe

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



137, 130, 163



172, 161, 212



153, 130, 163



75, 73, 82



31, 0, 145



4, 0, 18

Previews

White Background



This preview shows how the RYB color 130, 163, 137 looks on a white background.

Color Contrast Check

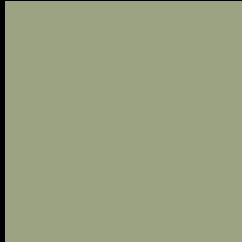
Large Text (above 18pt) WCAG AA × Fail

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 130, 163, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

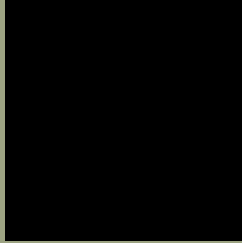
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

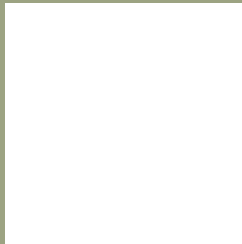
Any Text WCAG AAA ✓ Pass

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

RYB 130, 163, 137 Background



This preview shows how black text looks on a background with the RYB color 130, 163, 137.



This preview shows how white text looks on a background with the RYB color 130, 163, 137.

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
130, 163, 137

Protanopia
141, 169, 128

Deuteranopia
184, 167, 132



Tritanopia
162, 158, 170

Trichromacy



Original Color
130, 163, 137

Protanomaly
134, 164, 129

Deuteranomaly
159, 174, 131

Tritanomaly
155, 160, 155

Monochromacy



Original Color
130, 163, 137

Achromatopsia
157, 157, 157

Achromatomaly
147, 159, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 163, 137 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(156, 163, 130) looks like.

```
.text, #text, p{  
    color:rgb(156, 163, 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(156, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 163, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 163, 137 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(156, 163, 130) }
```

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

```
.border{ border-color:rgb(156, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(156, 163,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 163, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 163, 130) }
```

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

```
.background{ background-color: rgb(156,  
163, 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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