

Converting Colors

`RYB(137, 161, 170)`

Have a look what the booklet for
RYB(137, 161, 170) contains.

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Color

R_YB(137, 161, 170)

Conversions

Conversions Part 1

Format	Color
Hex	89AA95
RGB	137, 170, 149
RGB Percent	54%, 67%, 58%
CMY	0.4627, 0.3333, 0.4142
CMYK	0.19, 0.00, 0.12, 0.33
HSL	143°, 16%, 60%
HSV	143°, 19%, 67%
XYZ	30.1461, 36.2497, 33.9990
YIQ	157.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

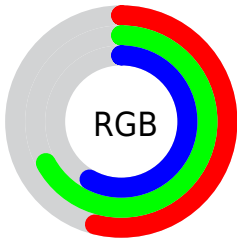
Format	Color
RYB	137, 161, 170
Decimal	9022101
CIELab	66.71, -15.53, 6.92
CIElCh	67, 16.998, 155.981
Yxy	36.2497, 0.3003, 0.3611
Android (android.graphics.Color)	4287212181 (0xFF89AA95)
YUV	157.7390, -4.3083, -18.1881
Hunter-Lab	60.2078, -15.9885, 8.6647

Details

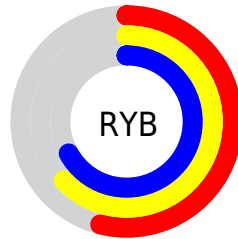
The RYB color **137, 161, 170** is a light color, and the websafe version is hex **669999**. A complement of this color would be **170, 137, 158**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **191, 216, 225**, and **87, 110, 118** is the 20% darker color. If you saturate the color by 10%, you get **120, 156, 170**, and if you desaturate by 10%, it is **154, 166, 170**.

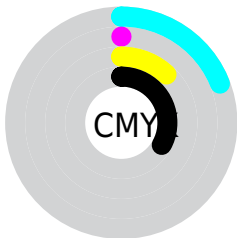
Distribution



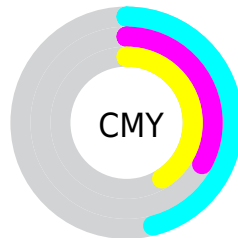
- Red (54%)
- Green (67%)
- Blue (58%)



- Red (54%)
- Yellow (63%)
- Blue (67%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 161, 170 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, 161, 170 by changing the saturation by 10% instead.

 137, 161, 170

255, 255, 255


 191, 216, 225


 219, 245, 254

 247, 251, 255

 137, 161, 170

 111, 134, 143

 87, 109, 118


 63, 84, 93

 40, 61, 69

 18, 38, 47

 0, 21, 27

 0, 0, 0


 137, 161, 170


 120, 156, 170

 137, 161, 170


 154, 166, 170

 103, 152, 170


 171, 170, 171


 86, 147, 170


 188, 170, 181

 69, 142, 170


 205, 170, 192

 52, 138, 170

 222, 170, 202

 35, 133, 170

 239, 170, 213

 18, 129, 170

 255, 170, 224

 1, 124, 170

 255, 170, 234

 0, 124, 170

 255, 170, 245

Harmonies

Analogous

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



137, 167, 150



137, 161, 170



125, 150, 171

Triad

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



137, 161, 170



149, 160, 192



193, 155, 145

Complementary

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



137, 161, 170



170, 137, 158

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.



193, 152, 160



137, 161, 170



169, 157, 187

Square

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



137, 161, 170



131, 153, 190



185, 153, 175



185, 174, 135

Rectangle

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



137, 161, 170



121, 147, 175



185, 153, 175



194, 152, 150

Sweetspot

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



137, 161, 170



209, 218, 222



137, 170, 149



104, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



137, 161, 170



171, 208, 222



137, 155, 170



76, 82, 84



0, 108, 148



0, 14, 20

Inverse Universe

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



170, 137, 158



222, 171, 203



170, 137, 141



84, 76, 81



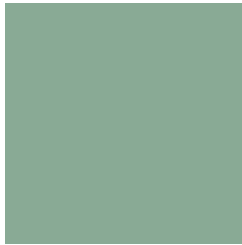
148, 0, 92



20, 0, 13

Previews

White Background



This preview shows how the RYB color 137, 161, 170 looks on a white background.

Color Contrast Check

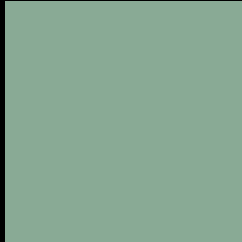
Large Text (above 18pt) WCAG AA × Fail

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, 161, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

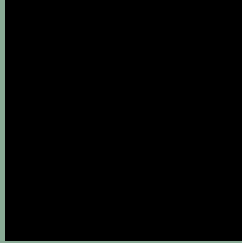
Any Text WCAG AA ✓ Pass

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, 161, 170 Background



This preview shows how black text looks on a background with the RYB color 137, 161, 170.

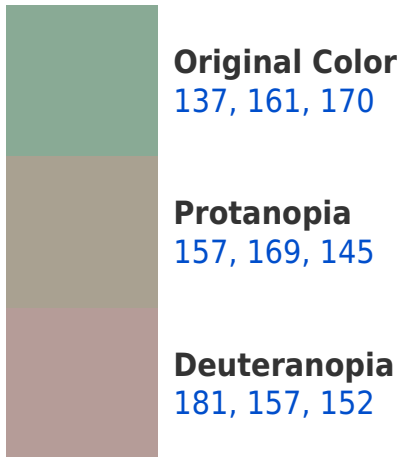


This preview shows how white text looks on a background with the RYB color 137, 161, 170.

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





Tritanopia

142, 157, 179

Trichromacy



Original Color
137, 161, 170

Protanomaly
147, 164, 154

Deuteranomaly
157, 165, 151

Tritanomaly
140, 154, 168

Monochromacy



Original Color
137, 161, 170

Achromatopsia
158, 158, 158

Achromatomaly
150, 158, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 161, 170 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(137, 170, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 149)  
}
```

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(137, 170, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 149) }
```

Border

The CSS property to change the border of an element to RYB 137, 161, 170 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(137, 170, 149) }
```

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

```
.border{ border-color:rgb(137, 170, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 170, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 149);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 137, 161, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 149) }
```

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

```
.background{ background-color: rgb(137,  
170, 149) }
```

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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