

Converting Colors

`RYB(129, 160, 170)`

Have a look what the booklet for
RYB(129, 160, 170) contains.

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Color

R_YB(129, 160, 170)

Conversions

Conversions Part 1

Format	Color
Hex	81AA8E
RGB	129, 170, 142
RGB Percent	51%, 67%, 56%
CMY	0.4941, 0.3333, 0.4423
CMYK	0.24, 0.00, 0.16, 0.33
HSL	139°, 19%, 59%
HSV	139°, 24%, 67%
XYZ	28.3274, 35.3764, 31.0155
YIQ	154.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

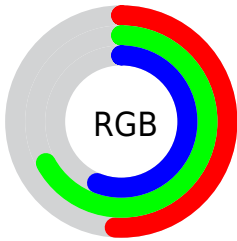
Format	Color
RYB	129, 160, 170
Decimal	8497806
CIELab	66.04, -19.64, 9.86
CIELCh	66, 21.973, 153.351
Yxy	35.3764, 0.2991, 0.3735
Android (android.graphics.Color)	4286687886 (0xFF81AA8E)
YUV	154.5490, -6.1867, -22.4065
Hunter-Lab	59.4780, -19.0728, 10.7172

Details

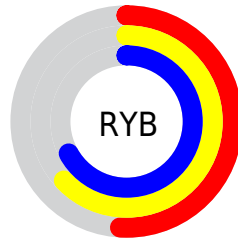
The RYB color **129, 160, 170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 129, 157**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **183, 215, 225**, and **79, 108, 118** is the 20% darker color. If you saturate the color by 10%, you get **112, 156, 170**, and if you desaturate by 10%, it is **146, 164, 170**.

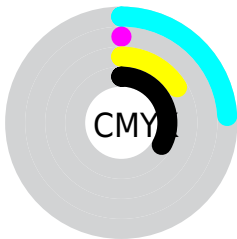
Distribution



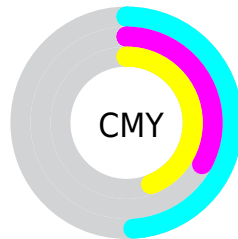
- Red (51%)
- Green (67%)
- Blue (56%)



- Red (51%)
- Yellow (63%)
- Blue (67%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 160, 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 129, 160, 170 by changing the saturation by 10% instead.

 129, 160, 170

255, 255, 255


 183, 215, 225

 210, 243, 254

 239, 248, 255

 129, 160, 170

 103, 133, 143

 79, 108, 118

 55, 83, 93


 32, 59, 69

 7, 34, 46

 0, 27, 27

 0, 0, 0

 129, 160, 170

 112, 156, 170

 129, 160, 170

 146, 164, 170

■ 95, 152, 170

■ 163, 168, 170

■ 78, 147, 170

■ 180, 170, 177

■ 61, 144, 170

■ 197, 170, 188

■ 44, 139, 170

■ 214, 170, 200

■ 27, 135, 170

■ 231, 170, 211

■ 10, 131, 170

■ 248, 170, 223

■ 0, 128, 170

■ 255, 170, 234

■ 255, 170, 246

Harmonies

Analogous

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



127, 166, 142



129, 160, 170



111, 144, 172

Triad

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



129, 160, 170



140, 156, 199



200, 149, 140

Complementary

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



129, 160, 170



170, 129, 157

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.



200, 146, 159



129, 160, 170



167, 155, 193

Square

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



129, 160, 170



116, 147, 195



188, 149, 179



190, 173, 126

Rectangle

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



129, 160, 170



105, 139, 175



188, 149, 179



201, 147, 146

Sweetspot

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



129, 160, 170



206, 218, 222



129, 170, 142



103, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



129, 160, 170



158, 207, 222



129, 152, 170



76, 82, 84



0, 112, 148



0, 15, 20

Inverse Universe

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



170, 129, 157



222, 158, 201



170, 129, 137



84, 76, 81



148, 0, 100



20, 0, 14

Previews

White Background



This preview shows how the RYB color 129, 160, 170 looks on a white background.

Color Contrast Check

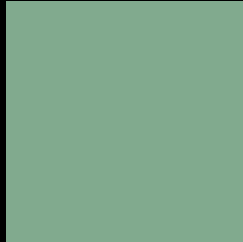
Large Text (above 18pt) WCAG AA × Fail

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 129, 160, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

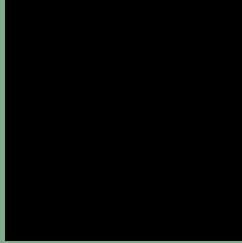
Any Text WCAG AA ✓ Pass

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 129, 160, 170 Background



This preview shows how black text looks on a background with the RYB color 129, 160, 170.

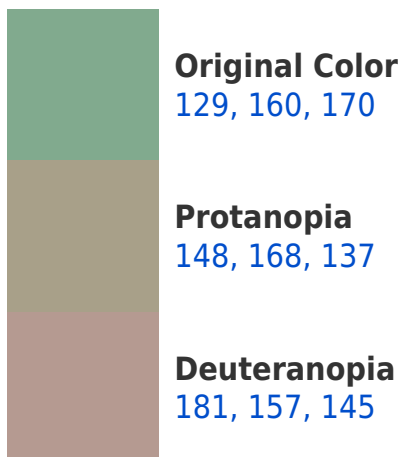


This preview shows how white text looks on a background with the RYB color 129, 160, 170.

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
136, 153, 178

Trichromacy



Original Color

129, 160, 170

Protanomaly

139, 164, 149

Deuteranomaly

146, 162, 144

Tritanomaly

133, 151, 167

Monochromacy



Original Color

129, 160, 170

Achromatopsia

155, 155, 155

Achromatomaly

146, 157, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 160, 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(129, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(129, 170, 142)  
}
```

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(129, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 170, 142) }
```

Border

The CSS property to change the border of an element to RYB 129, 160, 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(129, 170, 142) }
```

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

```
.border{ border-color:rgb(129, 170, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 170, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(129, 170,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 129, 160, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 170, 142) }
```

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

```
.background{ background-color: rgb(129,  
170, 142) }
```

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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