

Converting Colors

`RYB(127, 162, 170)`

Have a look what the booklet for
RYB(127, 162, 170) contains.

RYB(127, 162, 170)	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(127, 162, 170)

Conversions

Conversions Part 1

Format	Color
Hex	7FAA89
RGB	127, 170, 137
RGB Percent	50%, 67%, 54%
CMY	0.5020, 0.3333, 0.4634
CMYK	0.25, 0.00, 0.20, 0.33
HSL	134°, 20%, 58%
HSV	134°, 25%, 67%
XYZ	27.6302, 35.0627, 28.9140
YIQ	153.3810, -15.0350, -19.3790

Conversions

Conversions Part 2

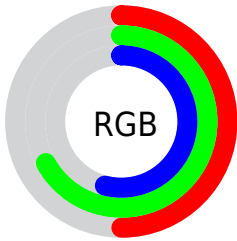
Format	Color
RYB	127, 162, 170
Decimal	8366729
CIELab	65.80, -21.35, 12.48
CIElCh	66, 24.732, 149.700
Yxy	35.0627, 0.3016, 0.3828
Android (android.graphics.Color)	4286556809 (0xFF7FAA89)
YUV	153.3810, -8.0758, -23.1361
Hunter-Lab	59.2138, -20.3328, 12.4984

Details

The RYB color **127, 162, 170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 127, 160**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **181, 218, 225**, and **77, 110, 118** is the 20% darker color. If you saturate the color by 10%, you get **110, 159, 170**, and if you desaturate by 10%, it is **144, 165, 170**.

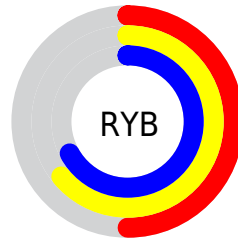
Distribution



Red (50%)

Green (67%)

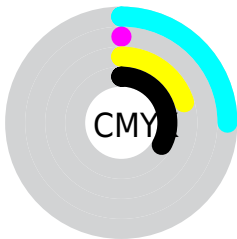
Blue (54%)



Red (50%)

Yellow (64%)

Blue (67%)

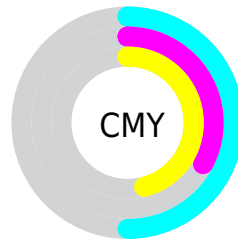


Cyan (25%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 162, 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 127, 162, 170 by changing the saturation by 10% instead.

 127, 162, 170


255, 255, 255


 181, 218, 225


 208, 246, 254

 237, 249, 255

 127, 162, 170

 101, 135, 143

 77, 110, 118


 53, 84, 93

 29, 60, 69

 4, 34, 46

 0, 27, 27

 0, 0, 0

 127, 162, 170

 110, 159, 170

 127, 162, 170

 144, 165, 170

■ 93, 155, 170

■ 161, 168, 170

■ 76, 153, 170

■ 178, 170, 176

■ 59, 150, 170

■ 195, 170, 189

■ 42, 146, 170

■ 212, 170, 202

■ 25, 143, 170

■ 229, 170, 216

■ 8, 140, 170

■ 246, 170, 229

■ 0, 138, 170

■ 255, 170, 242

■ 255, 170, 255

Harmonies

Analogous

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



121, 165, 133



127, 162, 170



104, 142, 172

Triad

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



127, 162, 170



132, 153, 204



204, 146, 139

Complementary

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



127, 162, 170



170, 127, 160

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.



202, 144, 161



127, 162, 170



163, 154, 198

Square

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



127, 162, 170



104, 142, 197



188, 147, 183



195, 170, 122

Rectangle

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



127, 162, 170



95, 134, 174



188, 147, 183



205, 144, 146

Sweetspot

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



127, 162, 170



204, 219, 222



127, 170, 136



101, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



127, 162, 170



155, 209, 222



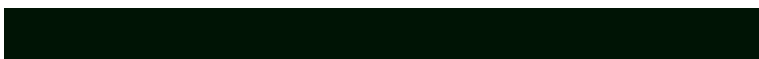
127, 152, 170



76, 82, 84



0, 120, 148



0, 16, 20

Inverse Universe

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



170, 127, 160



222, 155, 207



170, 127, 139



84, 76, 82



148, 0, 114



20, 0, 16

Previews

White Background



This preview shows how the RYB color 127, 162, 170 looks on a white background.

Color Contrast Check

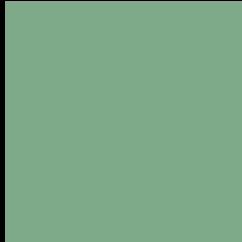
Large Text (above 18pt) WCAG AA × Fail

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 127, 162, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

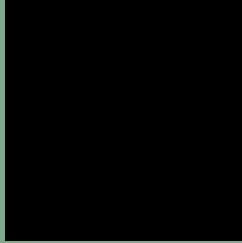
Any Text WCAG AA ✓ Pass

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](#).

R Y B 127, 162, 170 Background



This preview shows how black text looks on a background with the R Y B color 127, 162, 170.



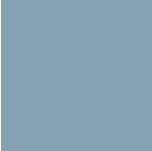
This preview shows how white text looks on a background with the R Y B color 127, 162, 170.

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
135, 152, 178

Trichromacy



Original Color
127, 162, 170

Protanomaly
133, 163, 143

Deuteranomaly
142, 162, 139

Tritanomaly
132, 150, 166

Monochromacy



Original Color
127, 162, 170

Achromatopsia
153, 153, 153

Achromatomaly
144, 157, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 162, 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(127, 170, 137)` looks like.

```
.text, #text, p{  
    color:rgb(127, 170, 137)  
}
```

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(127, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 170, 137) }
```

Border

The CSS property to change the border of an element to RYB 127, 162, 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(127, 170, 137) }
```

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

```
.border{ border-color:rgb(127, 170, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 170, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(127, 170,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 127, 162, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 170, 137) }
```

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

```
.background{ background-color: rgb(127,  
170, 137) }
```

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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