

Converting Colors

`RYB(122, 170, 170)`

Have a look what the booklet for
RYB(122, 170, 170) contains.

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Color

R_YB(122, 170, 170)

Conversions

Conversions Part 1

Format	Color
Hex	7AAA7A
RGB	122, 170, 122
RGB Percent	48%, 67%, 48%
CMY	0.5216, 0.3333, 0.5216
CMYK	0.28, 0.00, 0.28, 0.33
HSL	120°, 22%, 57%
HSV	120°, 28%, 67%
XYZ	25.9136, 34.2922, 23.6656
YIQ	150.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

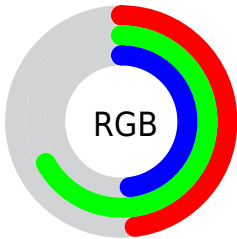
Format	Color
RYB	122, 170, 170
Decimal	8039034
CIELab	65.19, -25.76, 19.74
CIELCh	65, 32.452, 142.535
Yxy	34.2922, 0.3090, 0.4089
Android (android.graphics.Color)	4286229114 (0xFF7AAA7A)
YUV	150.1760, -13.8908, -24.7104
Hunter-Lab	58.5595, -23.4898, 17.0308

Details

The RYB color **122, 170, 170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 122, 170**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **175, 226, 225**, and **71, 116, 118** is the 20% darker color. If you saturate the color by 10%, you get **105, 170, 170**, and if you desaturate by 10%, it is **139, 170, 170**.

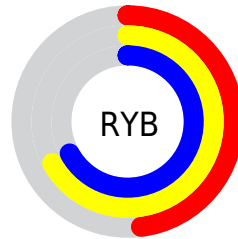
Distribution



Red (48%)

Green (67%)

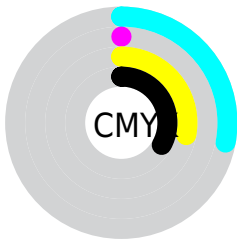
Blue (48%)



Red (48%)

Yellow (67%)

Blue (67%)

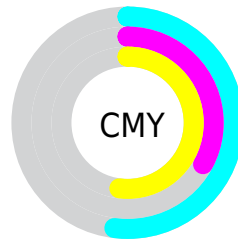


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (52%)


Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 170, 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 122, 170, 170 by changing the saturation by 10% instead.

 122, 170, 170


255, 255, 255


 175, 226, 225

 202, 254, 253

 230, 255, 253

 122, 170, 170

 96, 142, 143

 71, 116, 118

 47, 90, 93

 22, 64, 69

 0, 42, 46

 0, 27, 27


 0, 0, 0

 122, 170, 170


 105, 170, 170


 122, 170, 170


 139, 170, 170


 88, 170, 170


 156, 170, 170

 71, 170, 170


 173, 170, 173


 54, 170, 170

 190, 170, 190


 37, 170, 170

 207, 170, 207

 20, 170, 170

 224, 170, 224

 3, 170, 170

 241, 170, 241

 0, 170, 170

 255, 170, 255

Harmonies

Analogous

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



104, 163, 112



122, 170, 170



86, 137, 174

Triad

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



122, 170, 170



106, 143, 215



216, 137, 137

Complementary

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



122, 170, 170



170, 122, 170

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.



210, 137, 167



122, 170, 170



152, 153, 212

Square

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



122, 170, 170



64, 124, 203



188, 143, 194



206, 160, 113

Rectangle

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



122, 170, 170



64, 120, 174



188, 143, 194



216, 136, 147

Sweetspot

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



122, 170, 170



204, 222, 222



122, 170, 122



101, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



122, 170, 170



146, 222, 222



122, 154, 170



76, 84, 84



0, 148, 148



0, 20, 20

Inverse Universe

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



170, 122, 170



222, 146, 222



170, 122, 146



84, 76, 84



148, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RYB color 122, 170, 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 122, 170, 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 122, 170, 170 Background



This preview shows how black text looks on a background with the RYB color 122, 170, 170.

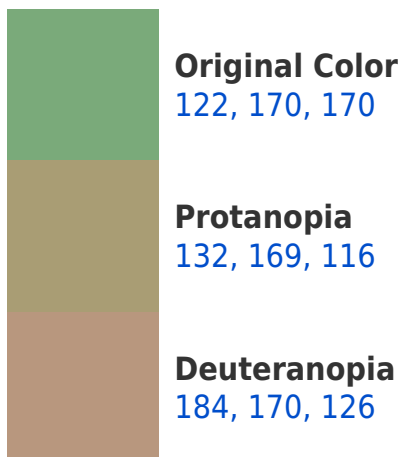


This preview shows how white text looks on a background with the RYB color 122, 170, 170.

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
132, 150, 176

Trichromacy



Original Color
122, 170, 170

Protanomaly
118, 162, 128

Deuteranomaly
128, 161, 125

Tritanomaly
128, 150, 166

Monochromacy



Original Color
122, 170, 170

Achromatopsia
150, 150, 150

Achromatomaly
140, 157, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 170, 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(122, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 170, 122)  
}
```

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(122, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 170, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 170, 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(122, 170, 122) }
```

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

```
.border{ border-color:rgb(122, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 170, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 170, 122); box-shadow:4px 4px 4px 4px rgb(122, 170, 122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 170, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 170, 122) }
```

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

```
.background{ background-color: rgb(122,  
170, 122) }
```

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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