

Converting Colors

`RYB(122, 180, 180)`

Have a look what the booklet for
RYB(122, 180, 180) contains.

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Color

$\text{RYB}(122, 180, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	7AB47A
RGB	122, 180, 122
RGB Percent	48%, 71%, 48%
CMY	0.5216, 0.2941, 0.5216
CMYK	0.32, 0.00, 0.32, 0.29
HSL	120°, 28%, 59%
HSV	120°, 32%, 71%
XYZ	27.8601, 38.1852, 24.3145
YIQ	156.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

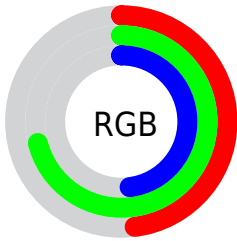
Format	Color
RYB	122, 180, 180
Decimal	8041594
CIELab	68.16, -30.61, 23.76
CIELCh	68, 38.747, 142.179
Yxy	38.1852, 0.3083, 0.4226
Android (android.graphics.Color)	4286231674 (0xFF7AB47A)
YUV	156.0460, -16.7847, -29.8583
Hunter-Lab	61.7942, -27.6624, 19.9268

Details

The RYB color **122, 180, 180** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **180, 122, 180**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **175, 236, 235**, and **70, 124, 127** is the 20% darker color. If you saturate the color by 10%, you get **104, 180, 180**, and if you desaturate by 10%, it is **140, 180, 180**.

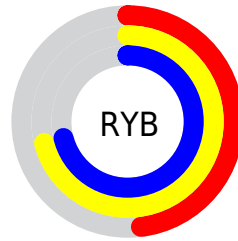
Distribution



Red (48%)

Green (71%)

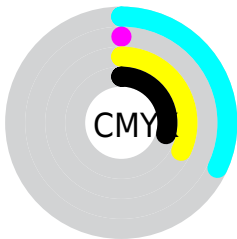
Blue (48%)



Red (48%)

Yellow (71%)

Blue (71%)

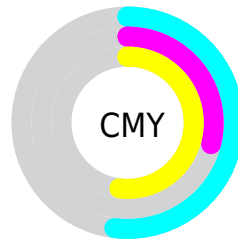


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (29%)



Cyan (52%)


Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 180, 180 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, 180, 180 by changing the saturation by 10% instead.


 122, 180, 180


255, 255, 255


 175, 236, 235

 202, 255, 253

 231, 255, 253

 122, 180, 180


 96, 152, 153

 70, 124, 127

 45, 96, 101


 18, 69, 77


 0, 51, 54


 0, 34, 34


 0, 0, 0

 122, 180, 180


 104, 180, 180

 122, 180, 180


 140, 180, 180

 86, 180, 180


 158, 180, 180


 68, 180, 180


 176, 180, 180


 50, 180, 180

 194, 180, 194

 32, 180, 180

 212, 180, 212

 14, 180, 180

 230, 180, 230

 0, 180, 180

 248, 180, 248

 255, 180, 255

Harmonies

Analogous

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



100, 172, 109



122, 180, 180



74, 137, 184

Triad

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



122, 180, 180



97, 146, 235



234, 140, 142

Complementary

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



122, 180, 180



180, 122, 180

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.



228, 139, 177



122, 180, 180



157, 160, 231

Square

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



122, 180, 180



15, 107, 220



201, 148, 209



222, 168, 112

Rectangle

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



122, 180, 180



31, 109, 185



201, 148, 209



234, 139, 153

Sweetspot

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



122, 180, 180



211, 235, 235



122, 180, 122



103, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



122, 180, 180



143, 235, 235



122, 161, 180



80, 89, 89



0, 153, 153



0, 26, 26

Inverse Universe

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



180, 122, 180



235, 143, 235



180, 122, 151



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RYB color 122, 180, 180 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, 180, 180 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, 180, 180 Background



This preview shows how black text looks on a background with the RYB color 122, 180, 180.



This preview shows how white text looks on a background with the RYB color 122, 180, 180.

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](#).

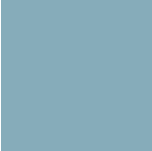
Dichromacy



Original Color
122, 180, 180

Protanopia
134, 179, 116

Deuteranopia
194, 188, 127



Tritanopia
134, 156, 186

Trichromacy



Original Color
122, 180, 180

Protanomaly
118, 170, 130

Deuteranomaly
126, 168, 125

Tritanomaly
130, 156, 175

Monochromacy



Original Color
122, 180, 180

Achromatopsia
156, 156, 156

Achromatomaly
144, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 180, 180 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, 180, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 180, 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, 180, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 180, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 180, 180 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, 180, 122) }
```

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

```
.border{ border-color:rgb(122, 180, 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, 180, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 180, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 180, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 180,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 180, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 180, 122) }
```

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

```
.background{ background-color: rgb(122,  
180, 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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