

Converting Colors

`RYB(122, 195, 180)`

Have a look what the booklet for
RYB(122, 195, 180) contains.

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Color

R_YB(122, 195, 180)

Conversions

Conversions Part 1

Format	Color
Hex	89C37A
RGB	137, 195, 122
RGB Percent	54%, 76%, 48%
CMY	0.4627, 0.2353, 0.5216
CMYK	0.30, 0.00, 0.37, 0.24
HSL	108°, 38%, 62%
HSV	108°, 37%, 76%
XYZ	33.3445, 45.7537, 25.4863
YIQ	169.3360, -11.1350, -34.9990

Conversions

Conversions Part 2

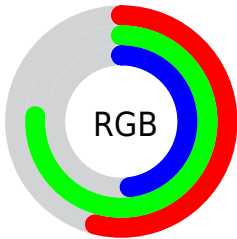
Format	Color
RYB	122, 195, 180
Decimal	9028474
CIELab	73.39, -32.64, 30.86
CIELCh	73, 44.917, 136.611
Yxy	45.7537, 0.3188, 0.4375
Android (android.graphics.Color)	4287218554 (0xFF89C37A)
YUV	169.3360, -23.3366, -28.3587
Hunter-Lab	67.6415, -30.3794, 25.0095

Details

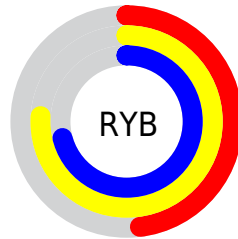
The RYB color **122, 195, 180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180, 122, 195**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **175, 252, 235**, and **72, 141, 129** is the 20% darker color. If you saturate the color by 10%, you get **103, 195, 176**, and if you desaturate by 10%, it is **142, 195, 185**.

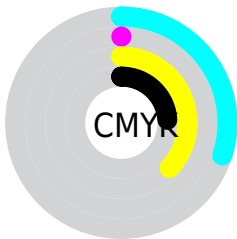
Distribution



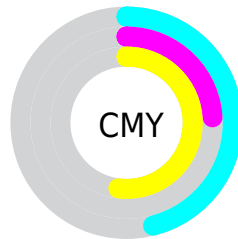
- Red (54%)
- Green (76%)
- Blue (48%)



- Red (48%)
- Yellow (76%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)




- Cyan (46%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 195, 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, 195, 180 by changing the saturation by 10% instead.


 122, 195, 180


255, 255, 255

 175, 252, 235


 203, 255, 238

 231, 255, 237

 122, 195, 180

 97, 168, 155

 72, 141, 129

 48, 115, 104

 25, 90, 83


 0, 66, 66

 0, 43, 43


 0, 20, 20


 0, 0, 0


 122, 195, 180


 122, 195, 180


 103, 195, 176


 142, 195, 185

 83, 195, 172


 161, 195, 188

 64, 195, 168

 181, 195, 193


 44, 195, 164

 199, 195, 200

 24, 195, 159

 214, 195, 219

 5, 195, 156

 230, 195, 239

 0, 195, 155

 245, 195, 255

 255, 195, 255

Harmonies

Analogous

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



99, 185, 100



122, 195, 180



79, 152, 201

Triad

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



122, 195, 180



75, 145, 255



255, 148, 159

Complementary

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



122, 195, 180



180, 122, 195

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.



248, 149, 200



122, 195, 180



156, 173, 255

Square

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



122, 195, 180



0, 108, 239



213, 161, 237



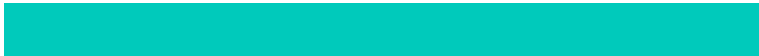
249, 170, 122

Rectangle

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



122, 195, 180



0, 105, 202



213, 161, 237



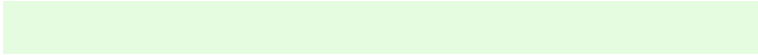
255, 147, 173

Sweetspot

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



122, 195, 180



225, 252, 247



142, 195, 122



111, 128, 125



0, 0, 0



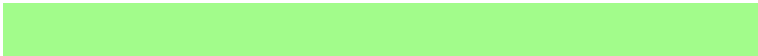
128, 128, 128

Same Dimension

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



122, 195, 180



139, 252, 229



122, 179, 195



87, 97, 95



0, 161, 128



0, 33, 26

Inverse Universe

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



180, 122, 195



229, 139, 252



195, 122, 174



95, 87, 97



128, 0, 161



26, 0, 33

Previews

White Background



This preview shows how the RYB color 122, 195, 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, 195, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

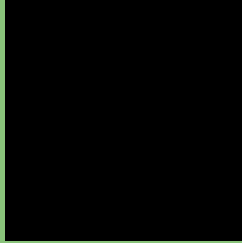
Any Text WCAG AA ✓ Pass

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, 195, 180 Background



This preview shows how black text looks on a background with the RYB color 122, 195, 180.



This preview shows how white text looks on a background with the RYB color 122, 195, 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, 195, 180

Protanopia
136, 195, 116

Deuteranopia
205, 213, 127



Tritanopia
150, 171, 200

Trichromacy



Original Color

122, 195, 180



Protanomaly

118, 185, 129



Deuteranomaly

130, 185, 125



Tritanomaly

145, 172, 189

Monochromacy



Original Color

122, 195, 180



Achromatopsia

169, 169, 169



Achromatomaly

152, 178, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 195, 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(137, 195, 122)` looks like.

```
.text, #text, p{  
    color:rgb(137, 195, 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(137, 195, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 195, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 195, 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(137, 195, 122) }
```

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

```
.border{ border-color:rgb(137, 195, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 195, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 195, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 195, 122);  
box-shadow:4px 4px 4px 4px rgb(137, 195,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 195, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 195, 122) }
```

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

```
.background{ background-color: rgb(137,  
195, 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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