

Converting Colors

`RYB(126, 179, 178)`

Have a look what the booklet for
RYB(126, 179, 178) contains.

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Color

R_YB(126, 179, 178)

Conversions

Conversions Part 1

Format	Color
Hex	7FB37E
RGB	127, 179, 126
RGB Percent	50%, 70%, 49%
CMY	0.5020, 0.2980, 0.5059
CMYK	0.29, 0.00, 0.30, 0.30
HSL	119°, 26%, 60%
HSV	119°, 30%, 70%
XYZ	28.6384, 38.2586, 25.6139
YIQ	157.4100, -13.9790, -27.5070

Conversions

Conversions Part 2

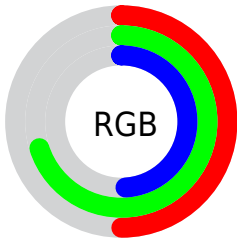
Format	Color
RYB	126, 179, 178
Decimal	8369022
CIELab	68.21, -27.78, 21.73
CIELCh	68, 35.265, 141.964
Yxy	38.2586, 0.3096, 0.4136
Android (android.graphics.Color)	4286559102 (0xFF7FB37E)
YUV	157.4100, -15.4851, -26.6696
Hunter-Lab	61.8535, -25.5976, 18.7451

Details

The RYB color **126, 179, 178** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 126, 179**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **179, 235, 233**, and **76, 125, 126** is the 20% darker color. If you saturate the color by 10%, you get **108, 179, 178**, and if you desaturate by 10%, it is **144, 179, 178**.

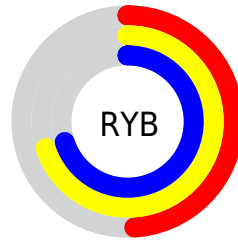
Distribution



Red (50%)

Green (70%)

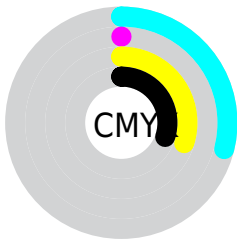
Blue (49%)



Red (49%)

Yellow (70%)

Blue (70%)

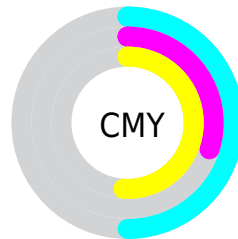


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 179, 178 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 126, 179, 178 by changing the saturation by 10% instead.


 126, 179, 178


255, 255, 255


 179, 235, 233


 207, 255, 253

 235, 255, 252

 126, 179, 178

 101, 152, 152

 76, 125, 126

 51, 99, 101

 26, 71, 76

 0, 45, 53


 0, 33, 33


 0, 0, 0

 126, 179, 178


 108, 179, 178


 126, 179, 178


 144, 179, 178

 90, 179, 177


 162, 179, 179

 72, 179, 177


 180, 179, 180


 54, 179, 176

 197, 179, 198


 37, 179, 177

 215, 179, 216

 19, 179, 176

 232, 179, 233

 1, 179, 176

 250, 179, 251

 0, 179, 176

 255, 179, 255

Harmonies

Analogous

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



106, 172, 114



126, 179, 178



87, 143, 183

Triad

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



126, 179, 178



107, 149, 229



229, 143, 144

Complementary

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



126, 179, 178



178, 126, 179

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.



223, 143, 176



126, 179, 178



158, 161, 225

Square

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



126, 179, 178



56, 126, 216



198, 150, 206



219, 168, 117

Rectangle

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



126, 179, 178



60, 124, 184



198, 150, 206



229, 142, 155

Sweetspot

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



126, 179, 178



211, 232, 231



128, 179, 126



104, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



126, 179, 178



149, 232, 231



126, 162, 179



80, 89, 89



0, 153, 150



0, 26, 26

Inverse Universe

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



178, 126, 179



230, 149, 232



179, 126, 154



89, 80, 89



150, 0, 153



25, 0, 26

Previews

White Background



This preview shows how the RYB color 126, 179, 178 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 126, 179, 178 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 126, 179, 178 Background



This preview shows how black text looks on a background with the RYB color 126, 179, 178.

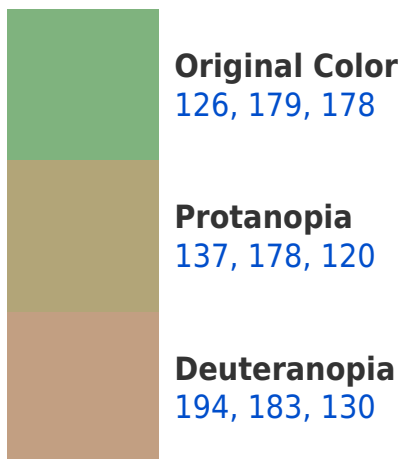


This preview shows how white text looks on a background with the RYB color 126, 179, 178.

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
138, 157, 185

Trichromacy



Original Color

126, 179, 178



Protanomaly

122, 170, 133



Deuteranomaly

133, 170, 129



Tritanomaly

134, 157, 174

Monochromacy



Original Color

126, 179, 178



Achromatopsia

157, 157, 157



Achromatomaly

146, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 179, 178 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, 179, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 126)  
}
```

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, 179, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 179, 178 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, 179, 126) }
```

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

```
.border{ border-color:rgb(127, 179, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 179, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 179, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 126) }
```

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

```
.background{ background-color: rgb(127,  
179, 126) }
```

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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