

Converting Colors

`RYB(126, 170, 179)`

Have a look what the booklet for
RYB(126, 170, 179) contains.

| | |
|--|----|
| RYB(126, 170, 179) | 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(126, 170, 179)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EB389 |
| RGB | 126, 179, 137 |
| RGB Percent | 49%, 70%, 54% |
| CMY | 0.5059, 0.2980, 0.4634 |
| CMYK | 0.30, 0.00, 0.24, 0.30 |
| HSL | 132°, 26%, 60% |
| HSV | 132°, 30%, 70% |
| XYZ | 29.2282, 38.4774, 29.4935 |
| YIQ | 158.3650, -18.1060, -24.2980 |

Conversions

Conversions Part 2

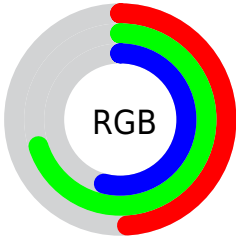
| Format | Color |
|-------------------------------------|--|
| RYB | 126, 170, 179 |
| Decimal | 8303497 |
| CIELab | 68.37, -26.18, 16.06 |
| CIElCh | 68, 30.715, 148.470 |
| Yxy | 38.4774, 0.3007, 0.3959 |
| Android (android.graphics.Color) | 4286493577 (0xFF7EB389) |
| YUV | 158.3650, -10.5329, -28.3841 |
| Hunter-Lab | 62.0302, -24.4446, 15.2305 |

Details

The RYB color **126, 170, 179** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 126, 168**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **180, 227, 235**, and **75, 116, 126** is the 20% darker color. If you saturate the color by 10%, you get **108, 167, 179**, and if you desaturate by 10%, it is **144, 173, 179**.

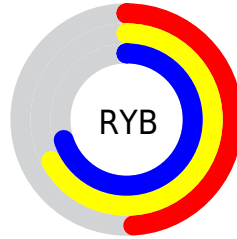
Distribution



Red (49%)

Green (70%)

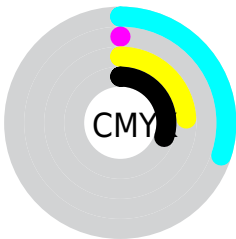
Blue (54%)



Red (49%)

Yellow (67%)

Blue (70%)

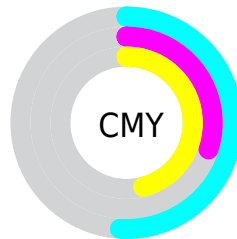


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 170, 179 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, 170, 179 by changing the saturation by 10% instead.


 126, 170, 179


255, 255, 255


 180, 227, 235

 208, 247, 255

 236, 248, 255

 126, 170, 179


 100, 143, 152

 75, 116, 126

 50, 91, 101

 25, 64, 76

 0, 38, 53


 0, 33, 33


 0, 0, 0

 126, 170, 179


 108, 167, 179


 126, 170, 179


 144, 173, 179

 90, 164, 179


 162, 176, 179

 72, 161, 179


 180, 179, 180


 54, 157, 179

 198, 179, 194


 37, 155, 179

 216, 179, 208

 19, 152, 179

 233, 179, 222

 1, 149, 179

 251, 179, 237

 0, 148, 179

 255, 179, 251

 255, 179, 255

Harmonies

Analogous

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



117, 173, 132



126, 170, 179



94, 143, 182

Triad

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



126, 170, 179



128, 157, 222



221, 148, 142

Complementary

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



126, 170, 179



179, 126, 168

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.



219, 146, 169



126, 170, 179



169, 160, 215

Square

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



126, 170, 179



89, 140, 213



201, 151, 196



210, 177, 120

Rectangle

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



126, 170, 179



79, 131, 183



201, 151, 196



222, 146, 150

Sweetspot

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



126, 170, 179



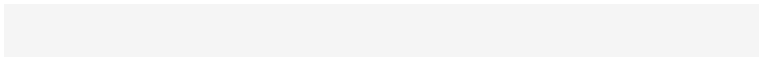
211, 229, 232



126, 179, 137



104, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



126, 170, 179



149, 218, 232



126, 157, 179



80, 87, 89



0, 127, 153



0, 22, 26

Inverse Universe

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



179, 126, 168



232, 149, 215



179, 126, 142



89, 80, 87



153, 0, 122



26, 0, 20

Previews

White Background



This preview shows how the RYB color 126, 170, 179 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, 170, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

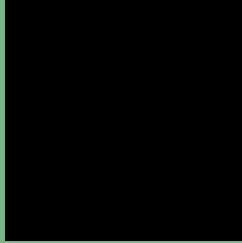
Any Text WCAG AA ✓ Pass

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, 170, 179 Background



This preview shows how black text looks on a background with the RYB color 126, 170, 179.

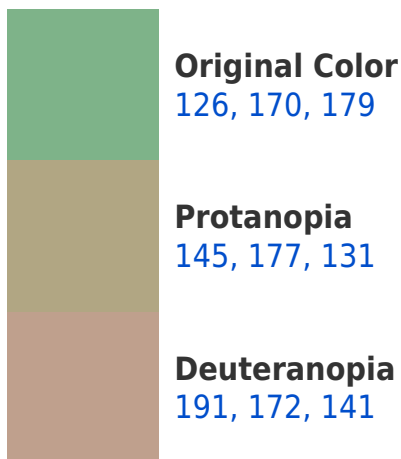


This preview shows how white text looks on a background with the RYB color 126, 170, 179.

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, 156, 186

Trichromacy



Original Color
126, 170, 179

Protanomaly
133, 171, 146

Deuteranomaly
139, 167, 139

Tritanomaly
132, 155, 175

Monochromacy



Original Color
126, 170, 179

Achromatopsia
158, 158, 158

Achromatomaly
146, 163, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 170, 179 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(126, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 179, 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(126, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 179, 137) }
```

Border

The CSS property to change the border of an element to RYB 126, 170, 179 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(126, 179, 137) }
```

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

```
.border{ border-color:rgb(126, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 179,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 126, 170, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 179, 137) }
```

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

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