

Converting Colors

`RYB(126, 170, 163)`

Have a look what the booklet for
RYB(126, 170, 163) contains.

RYB(126, 170, 163)	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, 163)

Conversions

Conversions Part 1

Format	Color
Hex	85AA7E
RGB	133, 170, 126
RGB Percent	52%, 67%, 49%
CMY	0.4784, 0.3333, 0.5059
CMYK	0.22, 0.00, 0.26, 0.33
HSL	110°, 21%, 58%
HSV	110°, 26%, 67%
XYZ	27.8135, 35.2424, 25.0752
YIQ	153.9210, -7.9280, -21.5280

Conversions

Conversions Part 2

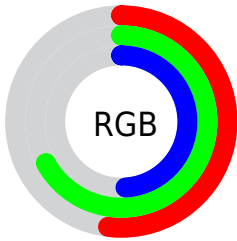
Format	Color
RYB	126, 170, 163
Decimal	8759934
CIELab	65.94, -21.22, 18.68
CIELCh	66, 28.274, 138.648
Yxy	35.2424, 0.3156, 0.3999
Android (android.graphics.Color)	4286950014 (0xFF85AA7E)
YUV	153.9210, -13.7651, -18.3477
Hunter-Lab	59.3653, -20.2594, 16.5123

Details

The RYB color **126, 170, 163** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **163, 126, 170**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **179, 225, 217**, and **77, 118, 113** is the 20% darker color. If you saturate the color by 10%, you get **109, 170, 160**, and if you desaturate by 10%, it is **143, 170, 166**.

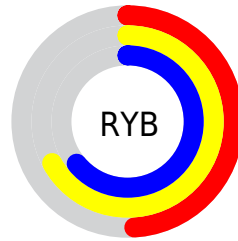
Distribution



Red (52%)

Green (67%)

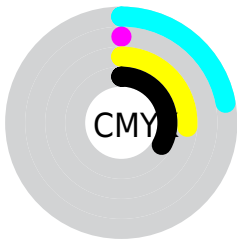
Blue (49%)



Red (49%)

Yellow (67%)

Blue (64%)

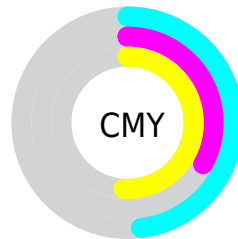


Cyan (22%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 170, 163 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, 163 by changing the saturation by 10% instead.

 126, 170, 163

255, 255, 255


 179, 225, 217

 206, 254, 245

 235, 255, 247

 126, 170, 163

 101, 143, 137

 77, 118, 113

 54, 93, 89

 32, 69, 66

 10, 46, 44

 0, 28, 28


 0, 0, 0


 126, 170, 163


 109, 170, 160

 126, 170, 163


 143, 170, 166


 92, 170, 158


 160, 170, 168

 75, 170, 155


 176, 170, 177

 58, 170, 152

 190, 170, 194

 41, 170, 149

 204, 170, 211

 24, 170, 147

 219, 170, 228

 7, 170, 144

 233, 170, 245

 0, 170, 143

 247, 170, 255

 255, 170, 255

Harmonies

Analogous

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



112, 164, 114



126, 170, 163



104, 147, 174

Triad

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



126, 170, 163



113, 147, 209



211, 142, 145

Complementary

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



126, 170, 163



163, 126, 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.



204, 142, 171



126, 170, 163



150, 156, 208

Square

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



126, 170, 163



84, 133, 197



183, 148, 194



205, 157, 123

Rectangle

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



126, 170, 163



88, 133, 174



183, 148, 194



210, 141, 154

Sweetspot

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



126, 170, 163



204, 222, 219



134, 170, 126



101, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

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



126, 170, 163



153, 222, 211



126, 159, 170



76, 84, 83



0, 148, 124



0, 20, 17

Inverse Universe

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



163, 126, 170



211, 153, 222



170, 126, 155



83, 76, 84



124, 0, 148



17, 0, 20

Previews

White Background



This preview shows how the RYB color 126, 170, 163 looks on a white background.

Color Contrast Check

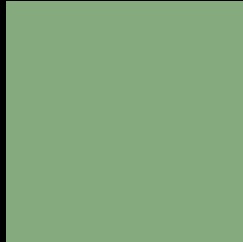
Large Text (above 18pt) WCAG AA × Fail

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, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

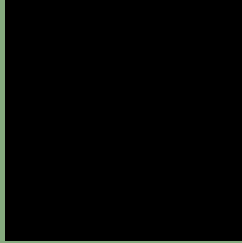
Any Text WCAG AA ✓ Pass

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, 163 Background



This preview shows how black text looks on a background with the RYB color 126, 170, 163.

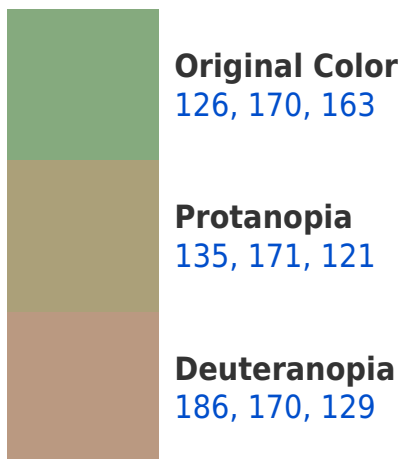


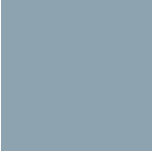
This preview shows how white text looks on a background with the RYB color 126, 170, 163.

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
141, 155, 176

Trichromacy



Original Color
126, 170, 163

Protanomaly
123, 164, 130

Deuteranomaly
138, 167, 128

Tritanomaly
138, 154, 166

Monochromacy



Original Color
126, 170, 163

Achromatopsia
154, 154, 154

Achromatomaly
144, 160, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 170, 163 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(133, 170, 126)` looks like.

```
.text, #text, p{  
    color:rgb(133, 170, 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(133, 170, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 170, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 170, 163 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(133, 170, 126) }
```

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

```
.border{ border-color:rgb(133, 170, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 170, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 170, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 170, 126);  
box-shadow:4px 4px 4px 4px rgb(133, 170,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 170, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 170, 126) }
```

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

```
.background{ background-color: rgb(133,  
170, 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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