

Converting Colors

`RYB(110, 186, 122)`

Have a look what the booklet for
RYB(110, 186, 122) contains.

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Color

R_YB(110, 186, 122)

Conversions

Conversions Part 1

Format	Color
Hex	AEBA6E
RGB	174, 186, 110
RGB Percent	68%, 73%, 43%
CMY	0.3176, 0.2706, 0.5686
CMYK	0.06, 0.00, 0.41, 0.27
HSL	69°, 36%, 58%
HSV	69°, 41%, 73%
XYZ	37.8289, 45.2423, 21.4907
YIQ	173.7480, 17.2440, -26.1800

Conversions

Conversions Part 2

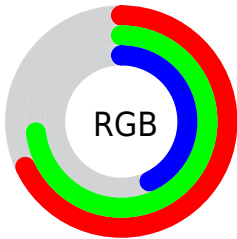
Format	Color
RYB	110, 186, 122
Decimal	11450990
CIELab	73.05, -16.05, 37.09
CIELCh	73, 40.415, 113.403
Yxy	45.2423, 0.3618, 0.4327
Android (android.graphics.Color)	4289641070 (0xFFAEBA6E)
YUV	173.7480, -31.4278, 0.2210
Hunter-Lab	67.2624, -17.3192, 28.1402

Details

The RYB color **110, 186, 122** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **122, 110, 186**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **163, 242, 174**, and **60, 133, 73** is the 20% darker color. If you saturate the color by 10%, you get **91, 186, 106**, and if you desaturate by 10%, it is **129, 186, 138**.

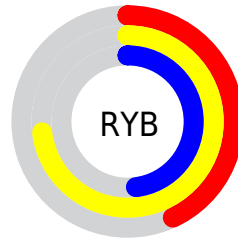
Distribution



Red (68%)

Green (73%)

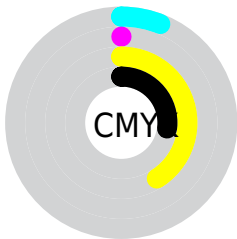
Blue (43%)



Red (43%)

Yellow (73%)

Blue (48%)

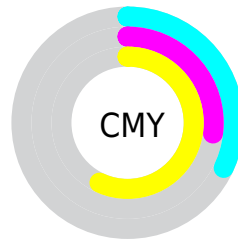


Cyan (6%)

Magenta (0%)

Yellow (41%)

Black (27%)



Cyan (32%)


Magenta (27%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 186, 122 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 110, 186, 122 by changing the saturation by 10% instead.

 110, 186, 122


255, 255, 255

 163, 242, 174


 190, 255, 190

 218, 255, 218

 247, 255, 247

 110, 186, 122


 85, 159, 97

 60, 133, 73

 36, 108, 50

 10, 83, 24


 0, 60, 14

 0, 39, 17

 0, 19, 19

 0, 0, 0

 110, 186, 122

 110, 186, 122

■ 91, 186, 106

■ 129, 186, 138

■ 73, 186, 91

■ 147, 186, 153

■ 54, 186, 75

■ 166, 186, 169

■ 36, 186, 60

■ 184, 186, 184

■ 17, 186, 44

■ 189, 186, 203

■ 0, 186, 29

■ 192, 186, 222

■ 195, 186, 240

■ 197, 186, 255

■ 200, 186, 255

Harmonies

Analogous

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



162, 211, 105



110, 186, 122



131, 191, 194

Triad

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



110, 186, 122



33, 123, 238



245, 151, 189

Complementary

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



110, 186, 122



122, 110, 186

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.



218, 159, 224



110, 186, 122



110, 159, 252

Square

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



110, 186, 122



3, 103, 207



172, 173, 247



251, 152, 152

Rectangle

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



110, 186, 122



98, 161, 198



172, 173, 247



238, 153, 201

Sweetspot

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



110, 186, 122



213, 242, 217



186, 123, 110



105, 122, 107



250, 250, 250



122, 122, 122

Same Dimension

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



110, 186, 122



124, 242, 142



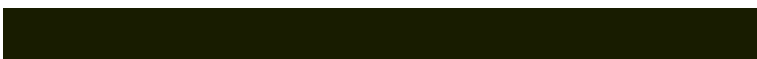
110, 186, 159



83, 92, 85



0, 156, 25



0, 28, 4

Inverse Universe

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



122, 110, 186



142, 124, 242



159, 110, 186



84, 83, 92



25, 0, 156



4, 0, 28

Previews

White Background



This preview shows how the RYB color 110, 186, 122 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 110, 186, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

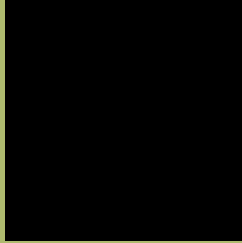
Any Text WCAG AA ✓ Pass

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 110, 186, 122 Background



This preview shows how black text looks on a background with the RYB color 110, 186, 122.

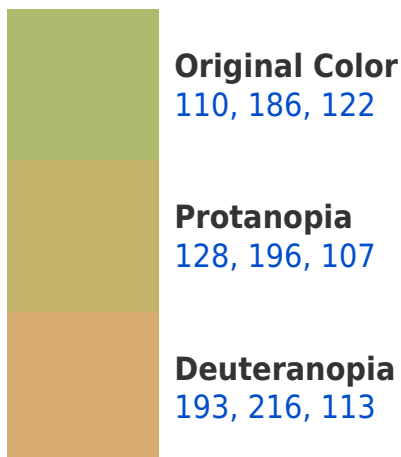



This preview shows how white text looks on a background with the RYB color 110, 186, 122.

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
184, 176, 190

Trichromacy



Original Color

110, 186, 122

Protanomaly

114, 188, 108

Deuteranomaly

147, 201, 112

Tritanomaly

161, 180, 161

Monochromacy



Original Color

110, 186, 122

Achromatopsia

174, 174, 174

Achromatomaly

151, 178, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 186, 174 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(174, 186, 110)` looks like.

```
.text, #text, p{  
    color:rgb(174, 186, 110)  
}
```

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(174, 186, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 186, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 186, 122 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(174, 186, 110) }
```

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

```
.border{ border-color:rgb(174, 186, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 186, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 186, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 186, 110);  
box-shadow:4px 4px 4px 4px rgb(174, 186,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 186, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 186, 110) }
```

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

```
.background{ background-color: rgb(174,  
186, 110) }
```

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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