

Converting Colors

`RYB(110, 194, 138)`

Have a look what the booklet for
RYB(110, 194, 138) contains.

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Color

$\text{RYB}(110, 194, 138)$

Conversions

Conversions Part 1

Format	Color
Hex	A6C26E
RGB	166, 194, 110
RGB Percent	65%, 76%, 43%
CMY	0.3490, 0.2392, 0.5686
CMYK	0.14, 0.00, 0.43, 0.24
HSL	80°, 41%, 60%
HSV	80°, 43%, 76%
XYZ	37.8321, 47.8164, 21.9874
YIQ	176.0520, 10.2760, -32.0600

Conversions

Conversions Part 2

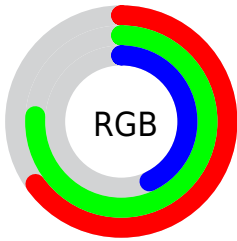
Format	Color
RYB	110, 194, 138
Decimal	10928750
CIELab	74.71, -23.19, 39.06
CIELCh	75, 45.422, 120.696
Yxy	47.8164, 0.3515, 0.4442
Android (android.graphics.Color)	4289118830 (0xFFA6C26E)
YUV	176.0520, -32.5636, -8.8156
Hunter-Lab	69.1494, -23.3527, 29.5522

Details

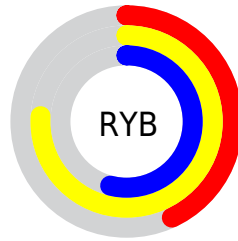
The RYB color **110, 194, 138** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **138, 110, 194**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **163, 251, 192**, and **60, 140, 88** is the 20% darker color. If you saturate the color by 10%, you get **91, 194, 125**, and if you desaturate by 10%, it is **129, 194, 151**.

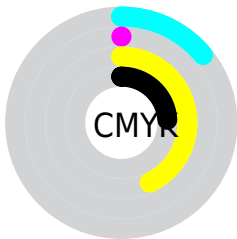
Distribution



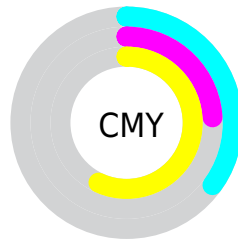
- Red (65%)
- Green (76%)
- Blue (43%)



- Red (43%)
- Yellow (76%)
- Blue (54%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (24%)




- Cyan (35%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 194, 138 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, 194, 138 by changing the saturation by 10% instead.

 110, 194, 138


255, 255, 255


 163, 251, 192


 190, 255, 194

 219, 255, 219

 247, 255, 247

 110, 194, 138

 85, 167, 113

 60, 140, 88

 35, 115, 63

 8, 90, 36


 0, 66, 28

 0, 44, 32

 0, 25, 25

 0, 0, 0

 110, 194, 138

 110, 194, 138

■ 91, 194, 125

■ 129, 194, 151

■ 71, 194, 112

■ 149, 194, 164

■ 52, 194, 99

■ 168, 194, 177

■ 32, 194, 86

■ 188, 194, 190

■ 13, 194, 73

■ 198, 194, 207

■ 0, 194, 65

■ 205, 194, 226

■ 211, 194, 246

■ 218, 194, 255

■ 224, 194, 255

Harmonies

Analogous

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



135, 209, 99



110, 194, 138



115, 182, 202

Triad

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



110, 194, 138



0, 112, 255



255, 150, 184

Complementary

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



110, 194, 138



138, 110, 194

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.



237, 158, 225



110, 194, 138



120, 165, 255

Square

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



110, 194, 138



0, 107, 225



189, 173, 255



255, 155, 143

Rectangle

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



110, 194, 138



71, 148, 205



189, 173, 255



255, 152, 199

Sweetspot

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



110, 194, 138



220, 252, 230



194, 152, 110



107, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



110, 194, 138



121, 252, 164



110, 194, 180



87, 97, 90



0, 161, 54



0, 33, 11

Inverse Universe

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



138, 110, 194



165, 121, 252



180, 110, 194



90, 87, 97



54, 0, 161



11, 0, 33

Previews

White Background



This preview shows how the RYB color 110, 194, 138 looks on a white background.

Color Contrast Check

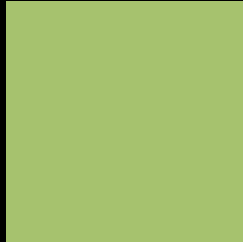
Large Text (above 18pt) WCAG AA × Fail

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, 194, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

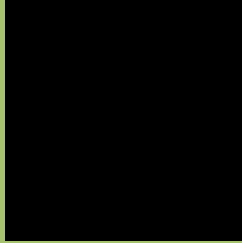
Any Text WCAG AA ✓ Pass

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, 194, 138 Background



This preview shows how black text looks on a background with the RYB color 110, 194, 138.

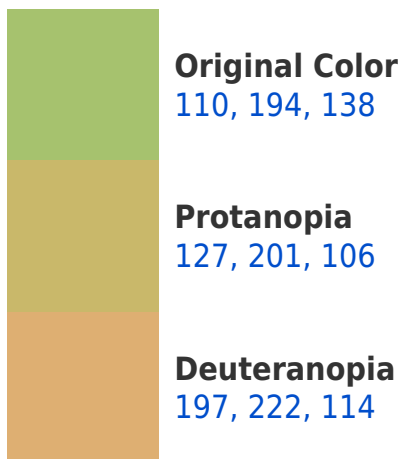


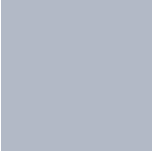
This preview shows how white text looks on a background with the RYB color 110, 194, 138.

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

178, 183, 198

Trichromacy



Original Color
110, 194, 138

Protanomaly
107, 188, 107

Deuteranomaly
139, 202, 113

Tritanomaly
166, 188, 180

Monochromacy



Original Color
110, 194, 138

Achromatopsia
176, 176, 176

Achromatomaly
152, 183, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 194, 138 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(166, 194, 110)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 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(166, 194, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 194, 138 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(166, 194, 110) }
```

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

```
.border{ border-color:rgb(166, 194, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 194, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 194, 110);  
box-shadow:4px 4px 4px 4px rgb(166, 194,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 194, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 110) }
```

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

```
.background{ background-color: rgb(166,  
194, 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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