

Converting Colors

`RYB(130, 176, 148)`

Have a look what the booklet for
RYB(130, 176, 148) contains.

RYB(130, 176, 148)	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(130, 176, 148)

Conversions

Conversions Part 1

Format	Color
Hex	9EB082
RGB	158, 176, 130
RGB Percent	62%, 69%, 51%
CMY	0.3804, 0.3098, 0.4902
CMYK	0.10, 0.00, 0.26, 0.31
HSL	83°, 23%, 60%
HSV	83°, 26%, 69%
XYZ	33.6551, 39.9315, 27.0528
YIQ	165.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

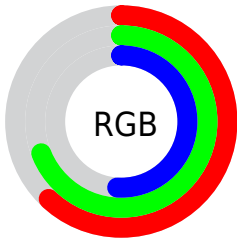
Format	Color
RYB	130, 176, 148
Decimal	10399874
CIELab	69.42, -14.46, 21.54
CIElCh	69, 25.948, 123.869
Yxy	39.9315, 0.3344, 0.3968
Android (android.graphics.Color)	4288589954 (0xFF9EB082)
YUV	165.3740, -17.4394, -6.4670
Hunter-Lab	63.1914, -15.5174, 18.8513

Details

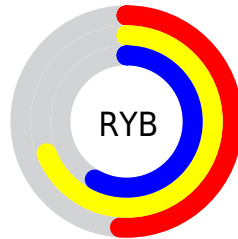
The RYB color **130, 176, 148** is a light color, and the websafe version is hex **999966**. A complement of this color would be **148, 130, 176**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **183, 232, 202**, and **80, 123, 97** is the 20% darker color. If you saturate the color by 10%, you get **112, 176, 137**, and if you desaturate by 10%, it is **148, 176, 159**.

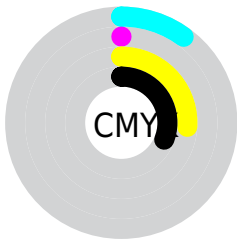
Distribution



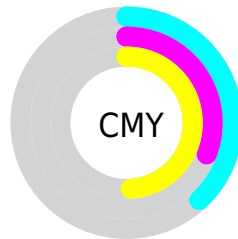
- Red (62%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)




- Cyan (38%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 176, 148 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 130, 176, 148 by changing the saturation by 10% instead.


 130, 176, 148

255, 255, 255


 183, 232, 202

 211, 255, 225

 239, 255, 239

 130, 176, 148


 105, 149, 122

 80, 123, 97

 57, 99, 74


 35, 75, 52


 13, 52, 30

 0, 31, 17


 0, 0, 0

 130, 176, 148


 112, 176, 137

 130, 176, 148


 148, 176, 159

 95, 176, 127


 165, 176, 169


 77, 176, 116

 179, 176, 183

 60, 176, 106


 186, 176, 200

 42, 176, 94


 192, 176, 218

 24, 176, 83


 199, 176, 236

 7, 176, 73

 206, 176, 253

 0, 176, 69

 213, 176, 255

 220, 176, 255

Harmonies

Analogous

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



143, 184, 123



130, 176, 148



131, 168, 181

Triad

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



130, 176, 148



114, 153, 211



216, 152, 167

Complementary

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



130, 176, 148



148, 130, 176

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.



202, 155, 191



130, 176, 148



145, 164, 216

Square

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



130, 176, 148



99, 144, 195



177, 162, 209



216, 157, 144

Rectangle

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



130, 176, 148



115, 154, 182



177, 162, 209



213, 153, 175

Sweetspot

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



130, 176, 148



211, 230, 219



176, 160, 130



103, 115, 108



242, 242, 242



115, 115, 115

Same Dimension

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



130, 176, 148



158, 230, 186



130, 176, 171



80, 89, 83



0, 153, 60



0, 26, 10

Inverse Universe

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



148, 130, 176



186, 158, 230



171, 130, 176



84, 80, 89



60, 0, 153



10, 0, 26

Previews

White Background



This preview shows how the RYB color 130, 176, 148 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 130, 176, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

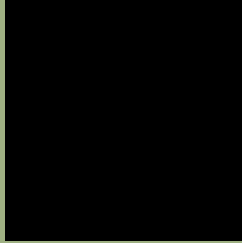
Any Text WCAG AA ✓ Pass

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 130, 176, 148 Background



This preview shows how black text looks on a background with the RYB color 130, 176, 148.

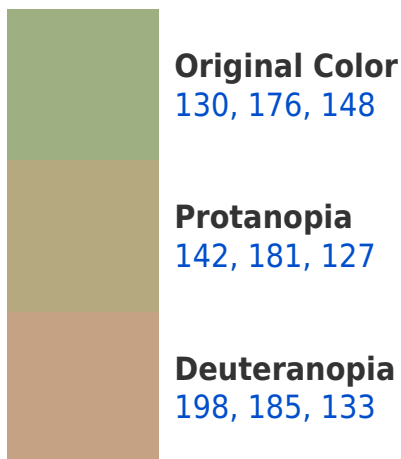


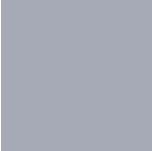
This preview shows how white text looks on a background with the RYB color 130, 176, 148.

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
166, 169, 182

Trichromacy



Original Color
130, 176, 148

Protanomaly
129, 173, 128

Deuteranomaly
155, 183, 132

Tritanomaly
163, 172, 172

Monochromacy



Original Color
130, 176, 148

Achromatopsia
165, 165, 165

Achromatomaly
152, 169, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 176, 148 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(158, 176, 130) looks like.

```
.text, #text, p{  
    color:rgb(158, 176, 130)  
}
```

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(158, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 176, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 176, 148 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(158, 176, 130) }
```

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

```
.border{ border-color:rgb(158, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 176,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 176, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 176, 130) }
```

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

```
.background{ background-color: rgb(158,  
176, 130) }
```

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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