

Converting Colors

`RYB(130, 158, 132)`

Have a look what the booklet for
RYB(130, 158, 132) contains.

RYB(130, 158, 132)	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, 158, 132)

Conversions

Conversions Part 1

Format	Color
Hex	9C9E82
RGB	156, 158, 130
RGB Percent	61%, 62%, 51%
CMY	0.3882, 0.3804, 0.4902
CMYK	0.01, 0.00, 0.18, 0.38
HSL	64°, 13%, 56%
HSV	64°, 18%, 62%
XYZ	29.9664, 33.1333, 25.9351
YIQ	154.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

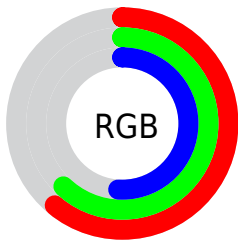
Format	Color
RYB	130, 158, 132
Decimal	10264194
CIELab	64.27, -5.68, 14.42
CIElCh	64, 15.497, 111.504
Yxy	33.1333, 0.3366, 0.3721
Android (android.graphics.Color)	4288454274 (0xFF9C9E82)
YUV	154.2100, -11.9355, 1.5698
Hunter-Lab	57.5616, -7.8060, 13.5793

Details

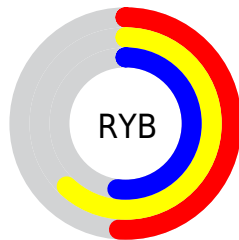
The RYB color **130, 158, 132** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **132, 130, 158**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **183, 213, 185**, and **81, 107, 83** is the 20% darker color. If you saturate the color by 10%, you get **114, 158, 117**, and if you desaturate by 10%, it is **146, 158, 147**.

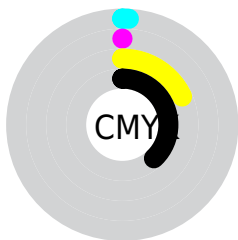
Distribution



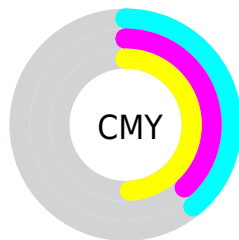
- Red (61%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)




- Cyan (39%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 158, 132 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, 158, 132 by changing the saturation by 10% instead.


 130, 158, 132

255, 255, 255


 183, 213, 185

 211, 241, 213

 239, 255, 239

 130, 158, 132

 105, 132, 107

 81, 107, 83

 58, 83, 61


 36, 60, 39


 15, 38, 18


 0, 18, 9

 0, 0, 0

 130, 158, 132

 114, 158, 117

 130, 158, 132

 146, 158, 147

■ 98, 158, 102

■ 158, 158, 162

■ 83, 158, 88

■ 159, 158, 177

■ 67, 158, 74

■ 161, 158, 193

■ 51, 158, 59

■ 162, 158, 209

■ 35, 158, 44

■ 163, 158, 225

■ 19, 158, 29

■ 164, 158, 241

■ 4, 158, 15

■ 165, 158, 255

■ 0, 158, 11

■ 166, 158, 255

Harmonies

Analogous

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



161, 171, 129



130, 158, 132



138, 162, 160

Triad

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



130, 158, 132



123, 146, 177



181, 147, 160

Complementary

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



130, 158, 132



132, 130, 158

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.



170, 149, 173



130, 158, 132



136, 151, 183

Square

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



130, 158, 132



119, 142, 165



153, 154, 181



185, 147, 146

Rectangle

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



130, 158, 132



131, 152, 163



153, 154, 181



178, 147, 165

Sweetspot

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



130, 158, 132



196, 207, 197



158, 132, 130



98, 105, 99



232, 232, 232



105, 105, 105

Same Dimension

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



130, 158, 132



163, 207, 167



130, 158, 146



71, 79, 72



0, 143, 10



0, 15, 1

Inverse Universe

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



132, 130, 158



166, 163, 207



146, 130, 158



72, 71, 79



10, 0, 143



1, 0, 15

Previews

White Background



This preview shows how the RYB color 130, 158, 132 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, 158, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

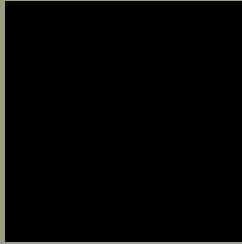
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

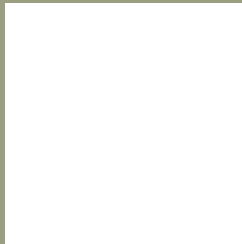
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 130, 158, 132 Background



This preview shows how black text looks on a background with the RYB color 130, 158, 132.



This preview shows how white text looks on a background with the RYB color 130, 158, 132.

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



Original Color


[130](#), [158](#), [132](#)

Protanopia

[143](#), [165](#), [129](#)

Deuteranopia

[179](#), [161](#), [132](#)



Tritanopia
161, 153, 165

Trichromacy



Original Color

130, 158, 132

Protanomaly

136, 162, 129

Deuteranomaly

164, 171, 131

Tritanomaly

159, 157, 152

Monochromacy



Original Color

130, 158, 132

Achromatopsia

154, 154, 154

Achromatomaly

145, 155, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 158, 132 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(156, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(156, 158, 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(156, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 158, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 158, 132 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(156, 158, 130) }
```

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

```
.border{ border-color:rgb(156, 158, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 158, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(156, 158,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 158, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 158, 130) }
```

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

```
.background{ background-color: rgb(156,  
158, 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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