

Converting Colors

`RYB(125, 181, 158)`

Have a look what the booklet for
RYB(125, 181, 158) contains.

RYB(125, 181, 158)	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(125, 181, 158)

Conversions

Conversions Part 1

Format	Color
Hex	94B57D
RGB	148, 181, 125
RGB Percent	58%, 71%, 49%
CMY	0.4196, 0.2902, 0.5098
CMYK	0.18, 0.00, 0.31, 0.29
HSL	95°, 27%, 60%
HSV	95°, 31%, 71%
XYZ	32.4383, 40.8243, 25.5722
YIQ	164.7490, -1.6920, -24.4120

Conversions

Conversions Part 2

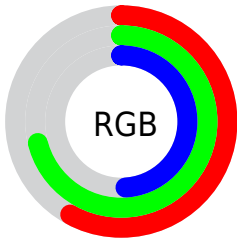
Format	Color
RYB	125, 181, 158
Decimal	9745789
CIELab	70.05, -21.50, 24.97
CIELCh	70, 32.952, 130.729
Yxy	40.8243, 0.3282, 0.4131
Android (android.graphics.Color)	4287935869 (0xFF94B57D)
YUV	164.7490, -19.5963, -14.6889
Hunter-Lab	63.8939, -21.1917, 20.9961

Details

The RYB color **125, 181, 158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **158, 125, 181**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **178, 237, 212**, and **75, 128, 107** is the 20% darker color. If you saturate the color by 10%, you get **107, 181, 151**, and if you desaturate by 10%, it is **143, 181, 165**.

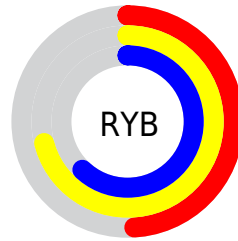
Distribution



Red (58%)

Green (71%)

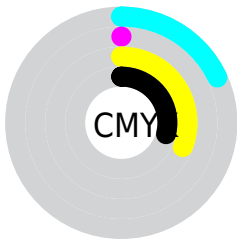
Blue (49%)



Red (49%)

Yellow (71%)

Blue (62%)

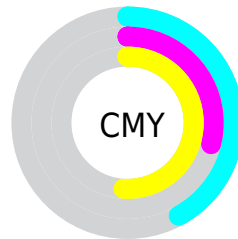


Cyan (18%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (42%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 181, 158 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 125, 181, 158 by changing the saturation by 10% instead.

 125, 181, 158


255, 255, 255


 178, 237, 212


 206, 255, 230

 234, 255, 234

 125, 181, 158

 100, 154, 132

 75, 128, 107

 52, 103, 83


 30, 79, 61

 7, 56, 38

 0, 34, 34


 0, 0, 0


 125, 181, 158


 107, 181, 151

 125, 181, 158


 143, 181, 165


 89, 181, 143


 161, 181, 173


 71, 181, 136


 179, 181, 180


 53, 181, 129

 191, 181, 197

 35, 181, 121

 201, 181, 216

 16, 181, 113

 212, 181, 234

 0, 181, 107

 223, 181, 252

 233, 181, 255

 244, 181, 255

Harmonies

Analogous

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



121, 181, 112



125, 181, 158



112, 160, 186

Triad

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



125, 181, 158



101, 150, 227



230, 149, 161

Complementary

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



125, 181, 158



158, 125, 181

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, 151, 192



125, 181, 158



147, 165, 230

Square

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



125, 181, 158



69, 133, 209



189, 160, 217



226, 158, 134

Rectangle

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



125, 181, 158



89, 143, 188



189, 160, 217



228, 149, 172

Sweetspot

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



125, 181, 158



213, 235, 226



164, 181, 125



104, 117, 111



245, 245, 245



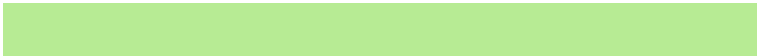
117, 117, 117

Same Dimension

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



125, 181, 158



148, 235, 200



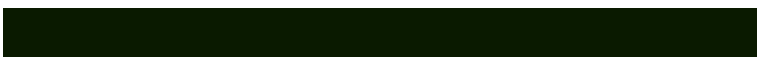
125, 176, 181



80, 89, 85



0, 153, 90



0, 26, 16

Inverse Universe

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



158, 125, 181



199, 148, 235



181, 125, 176



86, 80, 89



90, 0, 153



15, 0, 26

Previews

White Background



This preview shows how the RYB color 125, 181, 158 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 125, 181, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

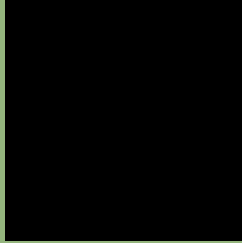
Any Text WCAG AA ✓ Pass

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 125, 181, 158 Background



This preview shows how black text looks on a background with the RYB color 125, 181, 158.

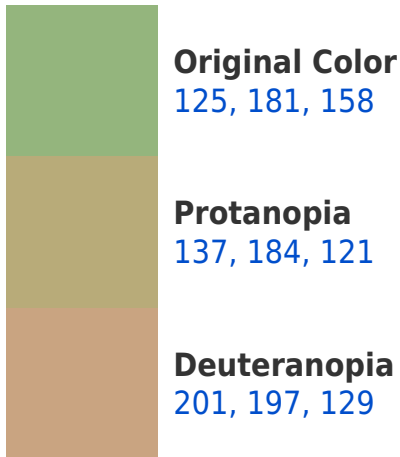


This preview shows how white text looks on a background with the RYB color 125, 181, 158.

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
157, 167, 187

Trichromacy



Original Color
125, 181, 158

Protanomaly
122, 175, 126

Deuteranomaly
143, 182, 128

Tritanomaly
154, 169, 176

Monochromacy



Original Color
125, 181, 158

Achromatopsia
165, 165, 165

Achromatomaly
150, 171, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 181, 158 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(148, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 125)  
}
```

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(148, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 181, 158 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(148, 181, 125) }
```

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

```
.border{ border-color:rgb(148, 181, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 125);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 181, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 125) }
```

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

```
.background{ background-color: rgb(148,  
181, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor