

Converting Colors

`RYB(125, 197, 169)`

Have a look what the booklet for
RYB(125, 197, 169) contains.

RYB(125, 197, 169)	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, 197, 169)

Conversions

Conversions Part 1

Format	Color
Hex	99C57D
RGB	153, 197, 125
RGB Percent	60%, 77%, 49%
CMY	0.4000, 0.2275, 0.5098
CMYK	0.22, 0.00, 0.37, 0.23
HSL	97°, 38%, 63%
HSV	97°, 37%, 77%
XYZ	36.8048, 48.1855, 26.7629
YIQ	175.6360, -3.1120, -31.7200

Conversions

Conversions Part 2

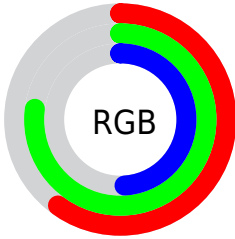
Format	Color
RYB	125, 197, 169
Decimal	10077565
CIELab	74.94, -27.55, 31.51
CIELCh	75, 41.859, 131.161
Yxy	48.1855, 0.3293, 0.4312
Android (android.graphics.Color)	4288267645 (0xFF99C57D)
YUV	175.6360, -24.9635, -19.8518
Hunter-Lab	69.4158, -26.8354, 25.7320

Details

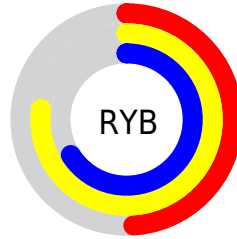
The RYB color **125, 197, 169** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **169, 125, 197**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **178, 254, 224**, and **75, 143, 118** is the 20% darker color. If you saturate the color by 10%, you get **105, 197, 161**, and if you desaturate by 10%, it is **145, 197, 177**.

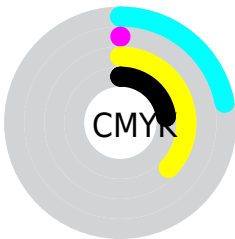
Distribution



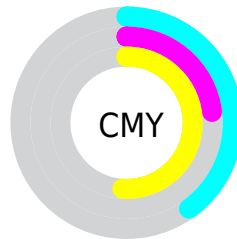
- Red (60%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (66%)



- Cyan (22%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)



- Cyan (40%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 197, 169 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, 197, 169 by changing the saturation by 10% instead.

 125, 197, 169

255, 255, 255


 178, 254, 224

 206, 255, 224

 234, 255, 234

 125, 197, 169

 100, 170, 144

 75, 143, 118

 51, 117, 93

 28, 92, 70

 3, 68, 46

 0, 46, 46

 0, 26, 26


 0, 0, 0

 125, 197, 169


 125, 197, 169


 105, 197, 161


 145, 197, 177


 86, 197, 154


 164, 197, 184


 66, 197, 146

 184, 197, 192

 46, 197, 138

 201, 197, 204

 27, 197, 131

 213, 197, 224

 7, 197, 123

 225, 197, 243

 0, 197, 120

 237, 197, 255

 249, 197, 255

 255, 197, 255

Harmonies

Analogous

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



117, 195, 108



125, 197, 169



104, 168, 203

Triad

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



125, 197, 169



80, 149, 255



255, 154, 171

Complementary

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



125, 197, 169



169, 125, 197

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.



244, 157, 210



125, 197, 169



151, 175, 255

Square

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



125, 197, 169



0, 109, 234



207, 169, 243



253, 168, 136

Rectangle

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



125, 197, 169



64, 140, 205



207, 169, 243



255, 154, 184

Sweetspot

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



125, 197, 169



227, 255, 244



174, 197, 125



111, 128, 122



0, 0, 0



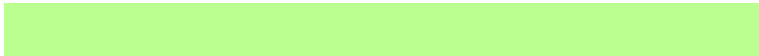
128, 128, 128

Same Dimension

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



125, 197, 169



143, 255, 212



125, 191, 197



90, 99, 96



0, 163, 100



0, 36, 22

Inverse Universe

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



169, 125, 197



211, 143, 255



197, 125, 190



96, 90, 99



100, 0, 163



22, 0, 36

Previews

White Background



This preview shows how the RYB color 125, 197, 169 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, 197, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

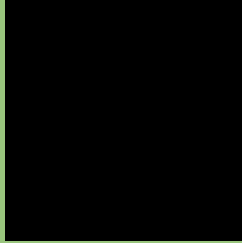
Any Text WCAG AA ✓ Pass

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, 197, 169 Background



This preview shows how black text looks on a background with the RYB color 125, 197, 169.

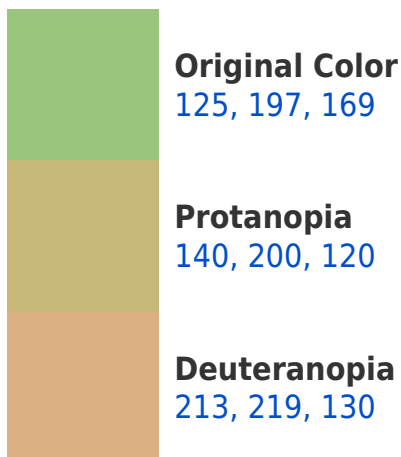


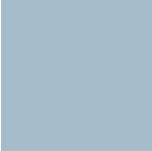
This preview shows how white text looks on a background with the RYB color 125, 197, 169.

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
165, 179, 202

Trichromacy



Original Color
125, 197, 169

Protanomaly
122, 189, 128

Deuteranomaly
141, 195, 128

Tritanomaly
161, 182, 191

Monochromacy



Original Color
125, 197, 169

Achromatopsia
176, 176, 176

Achromatomaly
157, 184, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 197, 169 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(153, 197, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 197, 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(153, 197, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 197, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 197, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

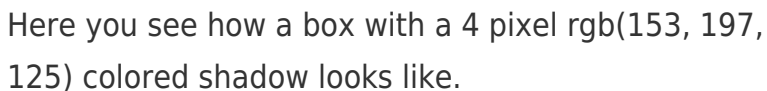
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 197, 125) }
```

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

```
.border{ border-color:rgb(153, 197, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 197, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 197, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 197, 125); box-shadow:4px 4px 4px 4px rgb(153, 197, 125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 197, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 197, 125) }
```

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

```
.background{ background-color: rgb(153,  
197, 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