

Converting Colors

`RYB(125, 169, 165)`

Have a look what the booklet for
RYB(125, 169, 165) contains.

RYB(125, 169, 165)	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, 169, 165)

Conversions

Conversions Part 1

Format	Color
Hex	81A97D
RGB	129, 169, 125
RGB Percent	51%, 66%, 49%
CMY	0.4941, 0.3373, 0.5098
CMYK	0.24, 0.00, 0.26, 0.34
HSL	115°, 20%, 58%
HSV	115°, 26%, 66%
XYZ	26.9429, 34.5237, 24.6457
YIQ	152.0240, -9.7160, -22.1640

Conversions

Conversions Part 2

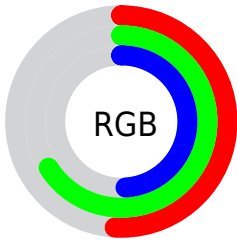
Format	Color
RYB	125, 169, 165
Decimal	8497533
CIELab	65.38, -22.31, 18.42
CIELCh	65, 28.927, 140.457
Yxy	34.5237, 0.3129, 0.4009
Android (android.graphics.Color)	4286687613 (0xFF81A97D)
YUV	152.0240, -13.3228, -20.1920
Hunter-Lab	58.7569, -20.9736, 16.2605

Details

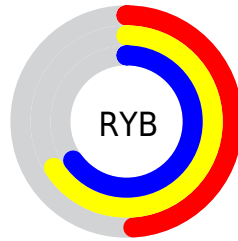
The RYB color **125, 169, 165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 125, 169**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **178, 224, 219**, and **76, 117, 114** is the 20% darker color. If you saturate the color by 10%, you get **108, 169, 163**, and if you desaturate by 10%, it is **142, 169, 167**.

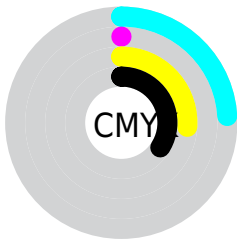
Distribution



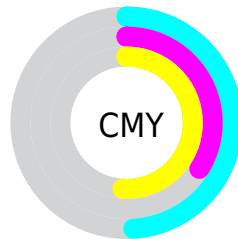
- Red (51%)
- Green (66%)
- Blue (49%)



- Red (49%)
- Yellow (66%)
- Blue (65%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 169, 165 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, 169, 165 by changing the saturation by 10% instead.


 125, 169, 165


255, 255, 255


 178, 224, 219


 205, 253, 248


 234, 255, 250

 125, 169, 165

 100, 142, 139

 76, 117, 114

 53, 92, 90

 31, 68, 68

 7, 44, 45


 0, 27, 27


 0, 0, 0

 125, 169, 165


 108, 169, 163

 125, 169, 165


 142, 169, 167


 91, 169, 162


 159, 169, 168

 74, 169, 160


 175, 169, 176


 57, 169, 158

 190, 169, 193

 40, 169, 157

 206, 169, 209

 24, 169, 156

 221, 169, 226

 7, 169, 155

 237, 169, 243

 0, 169, 154

 252, 169, 255

 255, 169, 255

Harmonies

Analogous

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



110, 163, 114



125, 169, 165



99, 142, 172

Triad

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



125, 169, 165



112, 146, 209



211, 140, 142

Complementary

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



125, 169, 165



165, 125, 169

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.



204, 140, 168



125, 169, 165



151, 155, 207

Square

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



125, 169, 165



81, 132, 198



184, 146, 192



203, 158, 120

Rectangle

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



125, 169, 165



82, 129, 173



184, 146, 192



210, 139, 150

Sweetspot

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



125, 169, 165



202, 219, 218



129, 169, 125



99, 110, 109



237, 237, 237



110, 110, 110

Same Dimension

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



125, 169, 165



151, 219, 213



125, 156, 169



76, 84, 83



0, 148, 135



0, 20, 18

Inverse Universe

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



165, 125, 169



213, 151, 219



169, 125, 151



83, 76, 84



134, 0, 148



19, 0, 20

Previews

White Background



This preview shows how the RYB color 125, 169, 165 looks on a white background.

Color Contrast Check

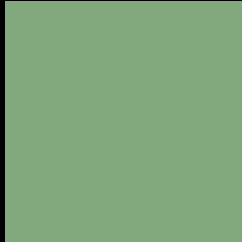
Large Text (above 18pt) WCAG AA × Fail

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, 169, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

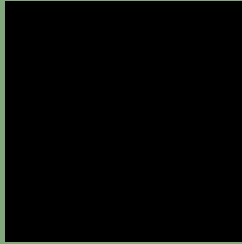
Any Text WCAG AA ✓ Pass

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, 169, 165 Background



This preview shows how black text looks on a background with the RYB color 125, 169, 165.

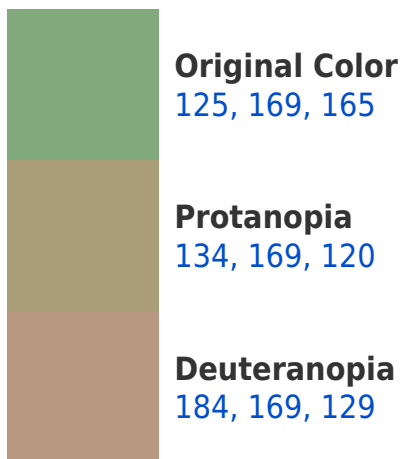


This preview shows how white text looks on a background with the RYB color 125, 169, 165.

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
138, 153, 175

Trichromacy



Original Color
125, 169, 165

Protanomaly
122, 162, 130

Deuteranomaly
135, 164, 128

Tritanomaly
135, 152, 165

Monochromacy



Original Color
125, 169, 165

Achromatopsia
152, 152, 152

Achromatomaly
142, 158, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 169, 165 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(129, 169, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 169, 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(129, 169, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 169, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 169, 165 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(129, 169, 125) }
```

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

```
.border{ border-color:rgb(129, 169, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 169, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 169, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 169, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 169,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 129, 169, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 169, 125) }
```

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

```
.background{ background-color: rgb(129,  
169, 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