

Converting Colors

`RYB(125, 169, 176)`

Have a look what the booklet for
RYB(125, 169, 176) contains.

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Color

R_YB(125, 169, 176)

Conversions

Conversions Part 1

Format	Color
Hex	7DB085
RGB	125, 176, 133
RGB Percent	49%, 69%, 52%
CMY	0.5098, 0.3098, 0.4780
CMYK	0.29, 0.00, 0.24, 0.31
HSL	130°, 24%, 59%
HSV	130°, 29%, 69%
XYZ	28.2243, 37.1072, 27.9063
YIQ	155.8490, -16.5930, -24.1850

Conversions

Conversions Part 2

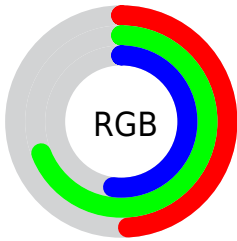
Format	Color
RYB	125, 169, 176
Decimal	8237189
CIELab	67.36, -25.72, 16.68
CIELCh	67, 30.655, 147.039
Yxy	37.1072, 0.3027, 0.3980
Android (android.graphics.Color)	4286427269 (0xFF7DB085)
YUV	155.8490, -11.2646, -27.0546
Hunter-Lab	60.9157, -23.8975, 15.4794

Details

The RYB color **125, 169, 176** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **176, 125, 168**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **179, 226, 232**, and **74, 115, 123** is the 20% darker color. If you saturate the color by 10%, you get **107, 167, 176**, and if you desaturate by 10%, it is **143, 172, 176**.

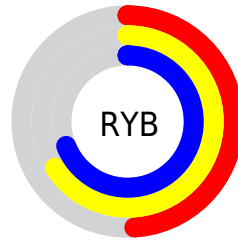
Distribution



Red (49%)

Green (69%)

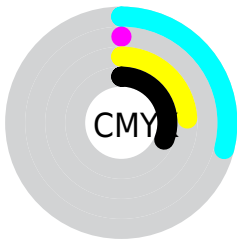
Blue (52%)



Red (49%)

Yellow (66%)

Blue (69%)

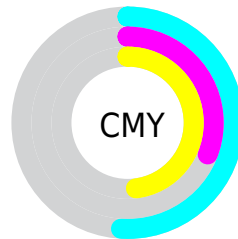


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 169, 176 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, 176 by changing the saturation by 10% instead.

 125, 169, 176


255, 255, 255


 179, 226, 232


 207, 249, 255

 235, 249, 255

 125, 169, 176

 99, 141, 149

 74, 115, 123

 50, 90, 98


 25, 64, 74

 0, 38, 51

 0, 31, 31


 0, 0, 0

 125, 169, 176


 107, 167, 176


 125, 169, 176


 143, 172, 176

 90, 164, 176


 160, 173, 176

 72, 161, 176


 178, 176, 178


 55, 160, 176

 195, 176, 192

 37, 157, 176

 213, 176, 207

 19, 154, 176

 231, 176, 222

 2, 152, 176

 248, 176, 237

 0, 152, 176

 255, 176, 252

 255, 176, 255

Harmonies

Analogous

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



114, 170, 127



125, 169, 176



93, 141, 179

Triad

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



125, 169, 176



123, 153, 219



219, 145, 140

Complementary

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



125, 169, 176



176, 125, 168

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.



215, 143, 168



125, 169, 176



164, 158, 213

Square

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



125, 169, 176



85, 137, 210



197, 149, 194



208, 171, 119

Rectangle

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



125, 169, 176



77, 128, 179



197, 149, 194



219, 144, 149

Sweetspot

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



125, 169, 176



209, 227, 230



125, 176, 133



102, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



125, 169, 176



149, 219, 230



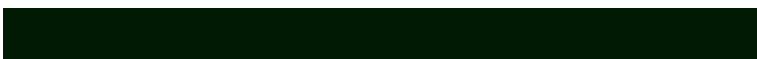
125, 156, 176



80, 87, 89



0, 132, 153



0, 23, 26

Inverse Universe

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



176, 125, 168



230, 149, 217



176, 125, 143



89, 80, 88



153, 0, 129



26, 0, 21

Previews

White Background



This preview shows how the RYB color 125, 169, 176 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, 176 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, 176 Background



This preview shows how black text looks on a background with the RYB color 125, 169, 176.

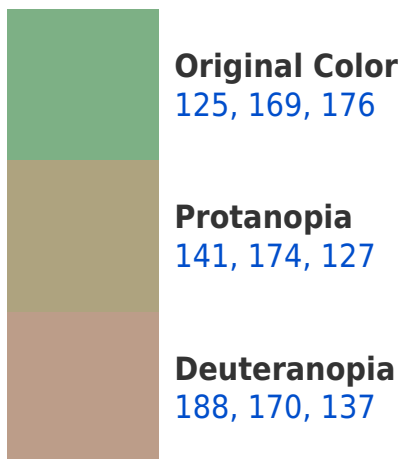


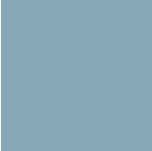
This preview shows how white text looks on a background with the RYB color 125, 169, 176.

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

134, 154, 183

Trichromacy



Original Color
125, 169, 176

Protanomaly
129, 168, 141

Deuteranomaly
137, 165, 136

Tritanomaly
131, 153, 172

Monochromacy



Original Color
125, 169, 176

Achromatopsia
156, 156, 156

Achromatomaly
145, 160, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 169, 176 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(125, 176, 133)` looks like.

```
.text, #text, p{  
    color:rgb(125, 176, 133)  
}
```

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(125, 176, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 176, 133) }
```

Border

The CSS property to change the border of an element to RYB 125, 169, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

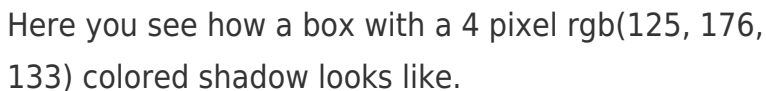
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 176, 133) }
```

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

```
.border{ border-color:rgb(125, 176, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 176, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 176, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 176, 133); box-shadow:4px 4px 4px 4px rgb(125, 176, 133) }
```

Background

The CSS property to change the background color of an element to RYB 125, 169, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 176, 133) }
```

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

```
.background{ background-color: rgb(125,  
176, 133) }
```

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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