

Converting Colors

`RYB(125, 170, 165)`

Have a look what the booklet for
RYB(125, 170, 165) contains.

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Color

`RYB(125, 170, 165)`

Conversions

Conversions Part 1

Format	Color
Hex	82AA7D
RGB	130, 170, 125
RGB Percent	51%, 67%, 49%
CMY	0.4902, 0.3333, 0.5098
CMYK	0.24, 0.00, 0.26, 0.33
HSL	113°, 21%, 58%
HSV	113°, 26%, 67%
XYZ	27.2823, 34.9759, 24.7151
YIQ	152.9100, -9.3950, -22.4750

Conversions

Conversions Part 2

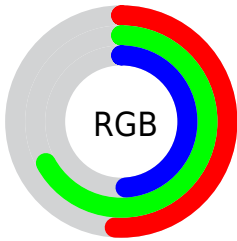
Format	Color
RYB	125, 170, 165
Decimal	8563325
CIELab	65.73, -22.46, 18.91
CIELCh	66, 29.361, 139.899
Yxy	34.9759, 0.3137, 0.4021
Android (android.graphics.Color)	4286753405 (0xFF82AA7D)
YUV	152.9100, -13.7596, -20.0921
Hunter-Lab	59.1405, -21.1513, 16.6207

Details

The RYB color **125, 170, 165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 125, 170**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **178, 225, 219**, and **76, 118, 115** is the 20% darker color. If you saturate the color by 10%, you get **108, 170, 163**, and if you desaturate by 10%, it is **142, 170, 167**.

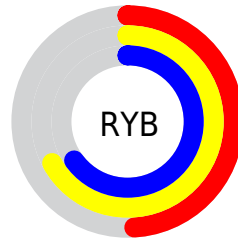
Distribution



Red (51%)

Green (67%)

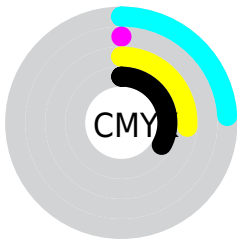
Blue (49%)



Red (49%)

Yellow (67%)

Blue (65%)

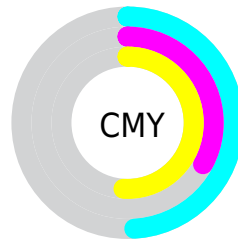


Cyan (24%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 170, 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, 170, 165 by changing the saturation by 10% instead.


 125, 170, 165


255, 255, 255


 178, 225, 219

 205, 254, 247


 234, 255, 249

 125, 170, 165

 100, 143, 139

 76, 118, 115

 53, 93, 91

 31, 69, 68

 8, 46, 46


 0, 28, 28


 0, 0, 0

 125, 170, 165


 108, 170, 163

 125, 170, 165


 142, 170, 167


 91, 170, 161


 159, 170, 169

 74, 170, 159


 175, 170, 176


 57, 170, 157

 190, 170, 193

 40, 170, 156

 206, 170, 210


 23, 170, 154

 221, 170, 227

 6, 170, 152

 236, 170, 244

 0, 170, 151

 251, 170, 255

 255, 170, 255

Harmonies

Analogous

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



110, 164, 114



125, 170, 165



99, 144, 174

Triad

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



125, 170, 165



112, 147, 211



212, 141, 143

Complementary

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



125, 170, 165



165, 125, 170

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.



206, 141, 170



125, 170, 165



151, 156, 209

Square

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



125, 170, 165



80, 132, 199



184, 147, 194



205, 157, 120

Rectangle

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



125, 170, 165



82, 130, 174



184, 147, 194



212, 140, 152

Sweetspot

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



125, 170, 165



204, 222, 220



131, 170, 125



101, 112, 111



240, 240, 240



112, 112, 112

Same Dimension

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



125, 170, 165



151, 222, 214



125, 158, 170



76, 84, 83



0, 148, 132



0, 20, 18

Inverse Universe

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



165, 125, 170



214, 151, 222



170, 125, 153



83, 76, 84



131, 0, 148



18, 0, 20

Previews

White Background



This preview shows how the RYB color 125, 170, 165 looks on a white background.

Color Contrast Check

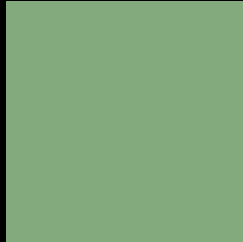
Large Text (above 18pt) WCAG AA × Fail

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, 170, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

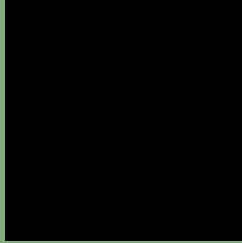
Any Text WCAG AA ✓ Pass

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](#).

R Y B 125, 170, 165 Background



This preview shows how black text looks on a background with the RYB color 125, 170, 165.

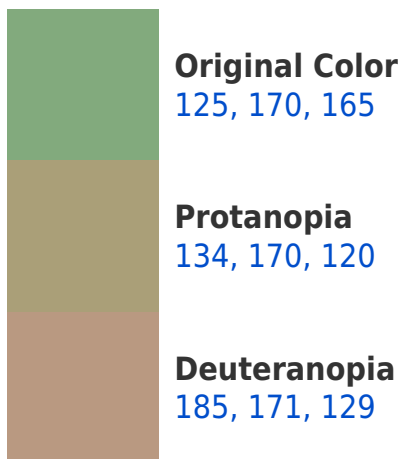


This preview shows how white text looks on a background with the RYB color 125, 170, 165.

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
139, 154, 176

Trichromacy



Original Color
125, 170, 165

Protanomaly
122, 163, 130

Deuteranomaly
135, 165, 128

Tritanomaly
136, 154, 166

Monochromacy



Original Color
125, 170, 165

Achromatopsia
153, 153, 153

Achromatomaly
143, 159, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 170, 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(130, 170, 125)` looks like.

```
.text, #text, p{  
    color:rgb(130, 170, 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(130, 170, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 170, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 170, 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(130, 170, 125) }
```

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

```
.border{ border-color:rgb(130, 170, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 170, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 170, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 170, 125);  
box-shadow:4px 4px 4px 4px rgb(130, 170,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 170, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 170, 125) }
```

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

```
.background{ background-color: rgb(130,  
170, 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](#).

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