

Converting Colors

`RYB(125, 182, 175)`

Have a look what the booklet for
RYB(125, 182, 175) contains.

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Color

R_YB(125, 182, 175)

Conversions

Conversions Part 1

Format	Color
Hex	84B67D
RGB	132, 182, 125
RGB Percent	52%, 71%, 49%
CMY	0.4824, 0.2863, 0.5098
CMYK	0.27, 0.00, 0.31, 0.29
HSL	113°, 28%, 60%
HSV	113°, 31%, 71%
XYZ	29.9453, 39.8421, 25.5140
YIQ	160.5520, -11.5030, -28.3270

Conversions

Conversions Part 2

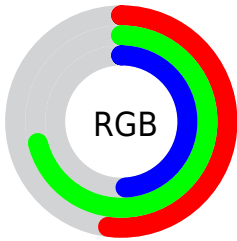
Format	Color
RYB	125, 182, 175
Decimal	8697469
CIELab	69.36, -27.69, 23.87
CIELCh	69, 36.557, 139.245
Yxy	39.8421, 0.3142, 0.4181
Android (android.graphics.Color)	4286887549 (0xFF84B67D)
YUV	160.5520, -17.5271, -25.0401
Hunter-Lab	63.1206, -25.7780, 20.2187

Details

The RYB color **125, 182, 175** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 125, 182**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **178, 238, 230**, and **75, 129, 123** is the 20% darker color. If you saturate the color by 10%, you get **107, 182, 173**, and if you desaturate by 10%, it is **143, 182, 177**.

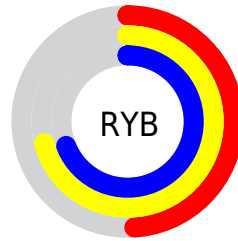
Distribution



Red (52%)

Green (71%)

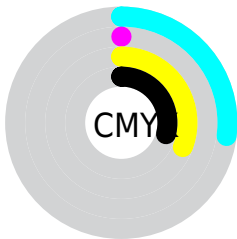
Blue (49%)



Red (49%)

Yellow (71%)

Blue (69%)

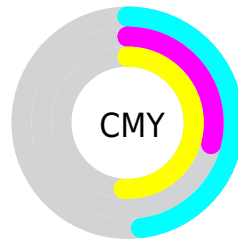


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (48%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 182, 175 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, 182, 175 by changing the saturation by 10% instead.

 125, 182, 175

255, 255, 255


 178, 238, 230

 206, 255, 247


 234, 255, 246

 125, 182, 175

 100, 155, 149


 75, 129, 123


 52, 103, 99


 30, 79, 78


 3, 52, 56

 0, 35, 35


 0, 0, 0


 125, 182, 175


 107, 182, 173


 125, 182, 175


 143, 182, 177

 89, 182, 171


 161, 182, 179


 70, 182, 168


 180, 182, 182


 52, 182, 166

 196, 182, 198


 34, 182, 164

 212, 182, 216

 16, 182, 162

 228, 182, 234

 0, 182, 160

 244, 182, 252

 255, 182, 255

Harmonies

Analogous

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



106, 174, 110



125, 182, 175



90, 147, 186

Triad

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



125, 182, 175



101, 149, 234



234, 145, 149

Complementary

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



125, 182, 175



175, 125, 182

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.



226, 145, 183



125, 182, 175



156, 164, 232

Square

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



125, 182, 175



47, 123, 219



199, 153, 213



225, 165, 121

Rectangle

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



125, 182, 175



60, 126, 187



199, 153, 213



234, 144, 160

Sweetspot

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



125, 182, 175



216, 237, 235



134, 182, 125



107, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



125, 182, 175



147, 237, 226



125, 167, 182



83, 92, 91



0, 156, 137



0, 28, 25

Inverse Universe

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



175, 125, 182



226, 147, 237



182, 125, 161



91, 83, 92



136, 0, 156



25, 0, 28

Previews

White Background



This preview shows how the RYB color 125, 182, 175 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, 182, 175 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, 182, 175 Background



This preview shows how black text looks on a background with the RYB color 125, 182, 175.

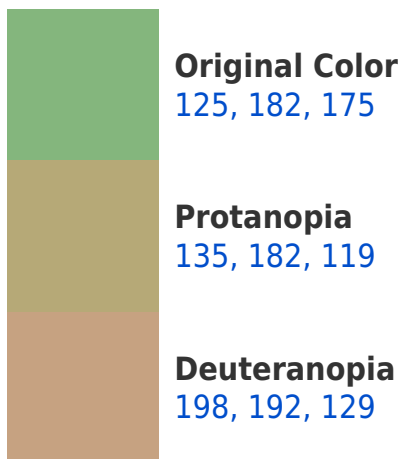


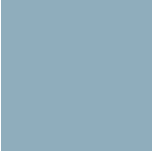
This preview shows how white text looks on a background with the RYB color 125, 182, 175.

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

143, 161, 188

Trichromacy



Original Color
125, 182, 175

Protanomaly
121, 174, 131

Deuteranomaly
134, 174, 128

Tritanomaly
139, 162, 177

Monochromacy



Original Color
125, 182, 175

Achromatopsia
161, 161, 161

Achromatomaly
148, 169, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 182, 175 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(132, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 182, 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(132, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 182, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 182, 175 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(132, 182, 125) }
```

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

```
.border{ border-color:rgb(132, 182, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 182, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 182, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 182, 125);  
box-shadow:4px 4px 4px 4px rgb(132, 182,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 182, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 182, 125) }
```

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

```
.background{ background-color: rgb(132,  
182, 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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