

Converting Colors

`RYB(132, 182, 140)`

Have a look what the booklet for
RYB(132, 182, 140) contains.

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Color

R_YB(132, 182, 140)

Conversions

Conversions Part 1

Format	Color
Hex	AEB684
RGB	174, 182, 132
RGB Percent	68%, 71%, 52%
CMY	0.3176, 0.2863, 0.4824
CMYK	0.04, 0.00, 0.27, 0.29
HSL	70°, 26%, 62%
HSV	70°, 27%, 71%
XYZ	38.3484, 44.1205, 28.3247
YIQ	173.9080, 11.2820, -17.2460

Conversions

Conversions Part 2

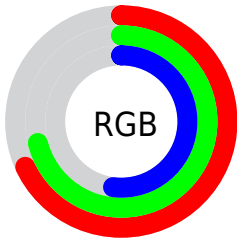
Format	Color
RYB	132, 182, 140
Decimal	11449988
CIELab	72.31, -11.18, 24.58
CIELCh	72, 27.006, 114.450
Yxy	44.1205, 0.3461, 0.3982
Android (android.graphics.Color)	4289640068 (0xFFAEB684)
YUV	173.9080, -20.6606, 0.0807
Hunter-Lab	66.4233, -13.1867, 21.2134

Details

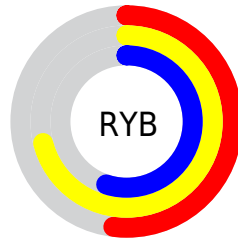
The RYB color **132, 182, 140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140, 132, 182**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **185, 238, 193**, and **82, 129, 90** is the 20% darker color. If you saturate the color by 10%, you get **114, 182, 125**, and if you desaturate by 10%, it is **150, 182, 155**.

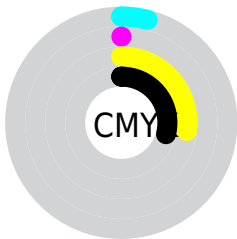
Distribution



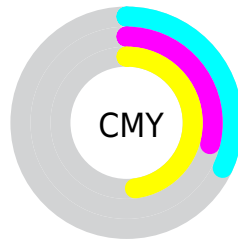
- Red (68%)
- Green (71%)
- Blue (52%)



- Red (52%)
- Yellow (71%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)




- Cyan (32%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 182, 140 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 132, 182, 140 by changing the saturation by 10% instead.


 132, 182, 140


255, 255, 255


 185, 238, 193

 213, 255, 213

 242, 255, 242

 132, 182, 140

 107, 155, 115


 82, 129, 90

 58, 104, 66


 36, 80, 45

 14, 57, 23


 0, 36, 9


 0, 15, 15


 0, 0, 0


 132, 182, 140

 132, 182, 140

 114, 182, 125

 150, 182, 155

 96, 182, 110


 168, 182, 170

 77, 182, 94

 183, 182, 187


 59, 182, 79


 186, 182, 205

 41, 182, 64


 189, 182, 223

 23, 182, 48

 191, 182, 241

 5, 182, 33

 194, 182, 255

 0, 182, 29

 197, 182, 255

 200, 182, 255

Harmonies

Analogous

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



169, 200, 128



132, 182, 140



146, 186, 188

Triad

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



132, 182, 140



112, 156, 217



223, 160, 183

Complementary

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



132, 182, 140



140, 132, 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.



205, 164, 206



132, 182, 140



140, 168, 226

Square

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



132, 182, 140



104, 149, 197



175, 173, 222



227, 160, 158

Rectangle

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



132, 182, 140



127, 167, 190



175, 173, 222



218, 161, 191

Sweetspot

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



132, 182, 140



218, 237, 221



182, 142, 132



108, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



132, 182, 140



159, 237, 171



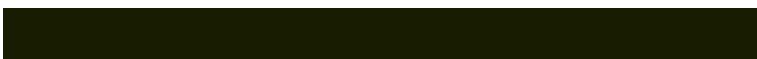
132, 182, 164



83, 92, 85



0, 156, 25



0, 28, 4

Inverse Universe

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



140, 132, 182



171, 159, 237



165, 132, 182



84, 83, 92



25, 0, 156



4, 0, 28

Previews

White Background



This preview shows how the RYB color 132, 182, 140 looks on a white background.

Color Contrast Check

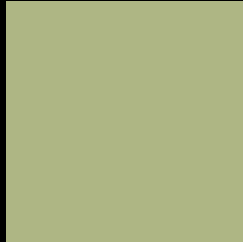
Large Text (above 18pt) WCAG AA × Fail

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 132, 182, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

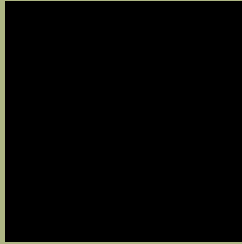
Any Text WCAG AA ✓ Pass

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 132, 182, 140 Background



This preview shows how black text looks on a background with the RYB color 132, 182, 140.

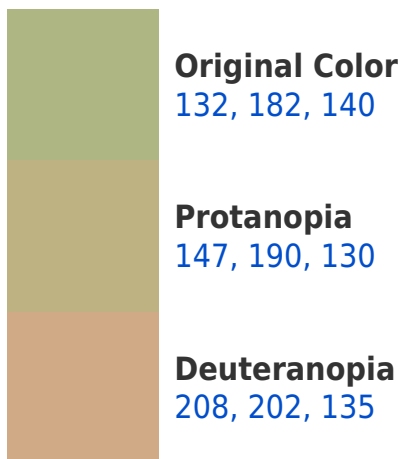


This preview shows how white text looks on a background with the RYB color 132, 182, 140.

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

181, 175, 188

Trichromacy



Original Color
132, 182, 140

Protanomaly
137, 184, 131

Deuteranomaly
168, 196, 134

Tritanomaly
168, 178, 168

Monochromacy



Original Color
132, 182, 140

Achromatopsia
174, 174, 174

Achromatomaly
159, 177, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 182, 140 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(174, 182, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 132)  
}
```

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(174, 182, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 182, 140 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(174, 182, 132) }
```

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

```
.border{ border-color:rgb(174, 182, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 182, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 182, 132); box-shadow:4px 4px 4px 4px rgb(174, 182, 132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 182, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 132) }
```

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

```
.background{ background-color: rgb(174,  
182, 132) }
```

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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