

Converting Colors

`RYB(132, 173, 125)`

Have a look what the booklet for
RYB(132, 173, 125) contains.

RYB(132, 173, 125)	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(132, 173, 125)

Conversions

Conversions Part 1

Format	Color
Hex	ADA77D
RGB	173, 167, 125
RGB Percent	68%, 65%, 49%
CMY	0.3216, 0.3455, 0.5098
CMYK	0.00, 0.04, 0.28, 0.32
HSL	52°, 23%, 58%
HSV	52°, 28%, 68%
XYZ	34.7340, 37.9624, 24.8988
YIQ	164.0060, 17.0580, -11.7900

Conversions

Conversions Part 2

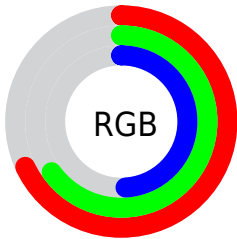
Format	Color
RYB	132, 173, 125
Decimal	11380605
CIELab	67.99, -4.57, 22.51
CIELCh	68, 22.971, 101.466
Yxy	37.9624, 0.3559, 0.3890
Android (android.graphics.Color)	4289570685 (0xFFADA77D)
YUV	164.0060, -19.2300, 7.8877
Hunter-Lab	61.6136, -7.1965, 19.1697

Details

The RYB color **132, 173, 125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125, 130, 173**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **186, 229, 178**, and **82, 120, 76** is the 20% darker color. If you saturate the color by 10%, you get **117, 173, 108**, and if you desaturate by 10%, it is **147, 173, 142**.

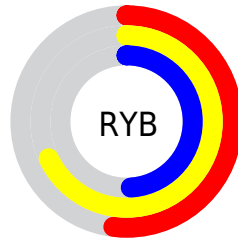
Distribution



Red (68%)

Green (65%)

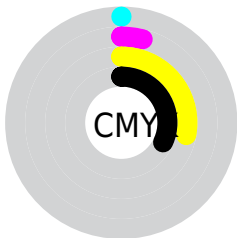
Blue (49%)



Red (52%)

Yellow (68%)

Blue (49%)

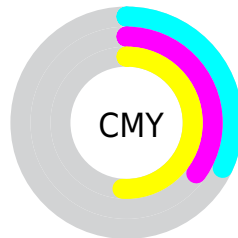


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (32%)



Cyan (32%)


Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 173, 125 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, 173, 125 by changing the saturation by 10% instead.


 132, 173, 125


255, 255, 255


 186, 229, 178

 211, 255, 205

 234, 255, 234

 132, 173, 125


 106, 146, 100

 82, 120, 76

 57, 95, 53


 34, 70, 31


 10, 47, 8


 1, 26, 0

 0, 0, 0

 132, 173, 125

 117, 173, 108

 132, 173, 125

 147, 173, 142

■ 103, 173, 90

■ 162, 173, 160

■ 88, 173, 73

■ 173, 173, 177

■ 73, 173, 56

■ 173, 176, 194

■ 57, 173, 38

■ 173, 177, 211

■ 43, 173, 21

■ 173, 179, 229

■ 29, 173, 4

■ 173, 181, 246

■ 25, 173, 0

■ 173, 183, 255

■ 173, 185, 255

Harmonies

Analogous

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



193, 193, 127



132, 173, 125



134, 173, 157

Triad

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



132, 173, 125



108, 146, 192



199, 152, 179

Complementary

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



132, 173, 125



125, 130, 173

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.



179, 158, 197



132, 173, 125



124, 154, 204

Square

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



132, 173, 125



110, 145, 178



152, 162, 206



208, 151, 158

Rectangle

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



132, 173, 125



134, 166, 175



152, 162, 206



193, 154, 186

Sweetspot

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



132, 173, 125



208, 224, 206



173, 125, 131



102, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



132, 173, 125



160, 224, 150



125, 173, 143



79, 87, 78



22, 150, 0



3, 23, 0

Inverse Universe

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



125, 130, 173



150, 159, 224



143, 125, 173



78, 79, 87



0, 17, 150



0, 3, 23

Previews

White Background



This preview shows how the RYB color 132, 173, 125 looks on a white background.

Color Contrast Check

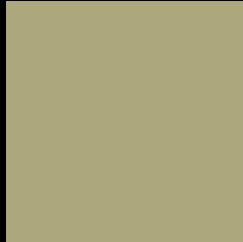
Large Text (above 18pt) WCAG AA × Fail

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, 173, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

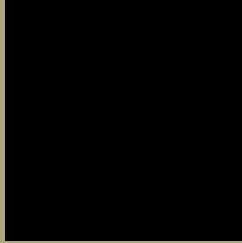
Any Text WCAG AA ✓ Pass

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, 173, 125 Background



This preview shows how black text looks on a background with the RYB color 132, 173, 125.



This preview shows how white text looks on a background with the RYB color 132, 173, 125.

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



Original Color


132, 173, 125

Protanopia

140, 177, 124

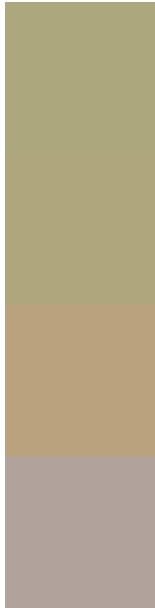
Deuteranopia

195, 187, 127



Tritanopia
179, 161, 173

Trichromacy



Original Color
132, 173, 125

Protanomaly
136, 176, 124

Deuteranomaly
168, 187, 126

Tritanomaly
177, 167, 156

Monochromacy



Original Color
132, 173, 125

Achromatopsia
164, 164, 164

Achromatomaly
152, 167, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 173, 125 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(173, 167, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 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(173, 167, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 125) }
```

Border

The CSS property to change the border of an element to RYB 132, 173, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

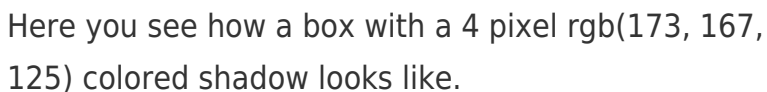
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 167, 125) }
```

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

```
.border{ border-color:rgb(173, 167, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 167, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 125);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 132, 173, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 125) }
```

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

```
.background{ background-color: rgb(173,  
167, 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