

Converting Colors

`RYB(124, 171, 97)`

Have a look what the booklet for
RYB(124, 171, 97) contains.

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Color

$\text{RYB}(124, 171, 97)$

Conversions

Conversions Part 1

Format	Color
Hex	AB9761
RGB	171, 151, 97
RGB Percent	67%, 59%, 38%
CMY	0.3294, 0.4070, 0.6196
CMYK	0.00, 0.12, 0.43, 0.33
HSL	44°, 31%, 53%
HSV	44°, 43%, 67%
XYZ	30.0540, 31.7244, 15.8487
YIQ	150.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

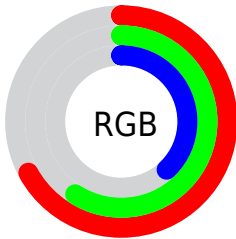
Format	Color
RYB	124, 171, 97
Decimal	11245409
CIELab	63.11, -0.37, 31.20
CIElCh	63, 31.200, 90.687
Yxy	31.7244, 0.3872, 0.4087
Android (android.graphics.Color)	4289435489 (0xFFAB9761)
YUV	150.8240, -26.5352, 17.6944
Hunter-Lab	56.3244, -3.3225, 22.7440

Details

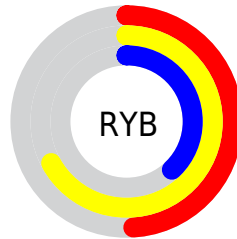
The RYB color **124, 171, 97** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **97, 113, 171**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **180, 228, 148**, and **72, 117, 49** is the 20% darker color. If you saturate the color by 10%, you get **113, 171, 80**, and if you desaturate by 10%, it is **134, 171, 114**.

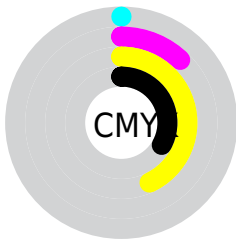
Distribution



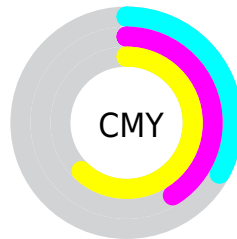
- Red (67%)
- Green (59%)
- Blue (38%)



- Red (49%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (62%)
- Black (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 171, 97 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 124, 171, 97 by changing the saturation by 10% instead.

■ 124, 171, 97

255, 255, 255

■ 180, 228, 148

■ 205, 255, 175

■ 203, 255, 203

■ 231, 255, 231

■ 124, 171, 97

■ 113, 171, 80

■ 124, 171, 97

■ 99, 144, 73

■ 70, 117, 49

■ 44, 91, 26

■ 18, 67, 2

■ 13, 43, 0

■ 7, 16, 0

■ 0, 0, 0

■ 124, 171, 97

■ 134, 171, 114

103, 171, 63

146, 171, 131

91, 171, 46

156, 171, 148

81, 171, 29

166, 171, 165

70, 171, 11

171, 173, 182

63, 171, 0

171, 177, 200

171, 181, 217

171, 184, 234

171, 188, 251

Harmonies

Analogous

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



194, 168, 105



124, 171, 97



104, 160, 122

Triad

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



124, 171, 97



54, 114, 180



188, 136, 180

Complementary

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



124, 171, 97



97, 113, 171

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.



157, 145, 200



124, 171, 97



73, 126, 200

Square

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



124, 171, 97



76, 126, 168



116, 143, 208



205, 132, 153

Rectangle

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



124, 171, 97



117, 164, 161



116, 143, 208



179, 139, 188

Sweetspot

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



124, 171, 97



204, 222, 193



171, 97, 118



101, 112, 94



240, 240, 240



112, 112, 112

Same Dimension

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



124, 171, 97



148, 222, 106



97, 171, 113



83, 87, 78



55, 150, 0



8, 23, 0

Inverse Universe

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



97, 113, 171



106, 130, 222



113, 97, 171



78, 80, 87



0, 32, 150



0, 5, 23

Previews

White Background



This preview shows how the RYB color 124, 171, 97 looks on a white background.

Color Contrast Check

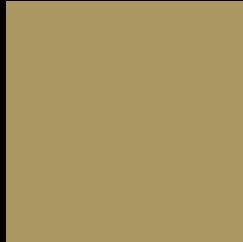
Large Text (above 18pt) WCAG AA × Fail

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 124, 171, 97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

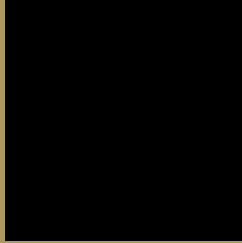
Any Text WCAG AA ✓ Pass

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 124, 171, 97 Background



This preview shows how black text looks on a background with the RYB color 124, 171, 97.



This preview shows how white text looks on a background with the RYB color 124, 171, 97.

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

124, 171, 97

Protanopia

114, 166, 98

Deuteranopia

166, 184, 98



Tritanopia
177, 144, 155

Trichromacy



Original Color

124, 171, 97

Protanomaly

119, 168, 98

Deuteranomaly

148, 179, 98

Tritanomaly

175, 153, 134

Monochromacy



Original Color

124, 171, 97

Achromatopsia

151, 151, 151

Achromatomaly

140, 158, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 171, 97 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(171, 151, 97)` looks like.

```
.text, #text, p{  
    color:rgb(171, 151, 97)  
}
```

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(171, 151, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 151, 97) }
```

Border

The CSS property to change the border of an element to RYB 124, 171, 97 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(171, 151, 97) }
```

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

```
.border{ border-color:rgb(171, 151, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 151, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 151, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 151, 97);  
box-shadow:4px 4px 4px 4px rgb(171, 151,  
97) }
```

Background

The CSS property to change the background color of an element to RGB 124, 171, 97 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 151, 97) }
```

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

```
.background{ background-color: rgb(171,  
151, 97) }
```

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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