

Converting Colors

`RYB(128, 171, 124)`

Have a look what the booklet for
RYB(128, 171, 124) contains.

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Color

R_YB(128, 171, 124)

Conversions

Conversions Part 1

Format	Color
Hex	ABA77C
RGB	171, 167, 124
RGB Percent	67%, 65%, 49%
CMY	0.3294, 0.3439, 0.5137
CMYK	0.00, 0.02, 0.27, 0.33
HSL	55°, 22%, 58%
HSV	55°, 27%, 67%
XYZ	34.3089, 37.8657, 24.5693
YIQ	163.2940, 16.1870, -12.5250

Conversions

Conversions Part 2

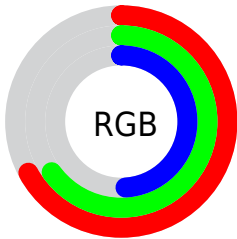
Format	Color
RYB	128, 171, 124
Decimal	11249532
CIELab	67.92, -5.72, 22.93
CIELCh	68, 23.635, 104.012
Yxy	37.8657, 0.3546, 0.3914
Android (android.graphics.Color)	4289439612 (0xFFABA77C)
YUV	163.2940, -19.3719, 6.7582
Hunter-Lab	61.5351, -8.1636, 19.4017

Details

The RYB color **128, 171, 124** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124, 128, 171**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **183, 227, 177**, and **78, 118, 75** is the 20% darker color. If you saturate the color by 10%, you get **112, 171, 107**, and if you desaturate by 10%, it is **143, 171, 141**.

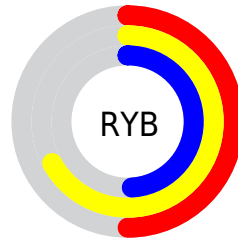
Distribution



Red (67%)

Green (65%)

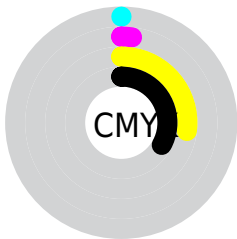
Blue (49%)



Red (50%)

Yellow (67%)

Blue (49%)

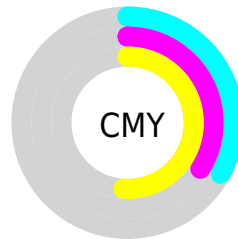


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (33%)



Cyan (33%)


Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 171, 124 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 128, 171, 124 by changing the saturation by 10% instead.

 128, 171, 124

255, 255, 255

 183, 227, 177

 208, 255, 204

 233, 255, 233

 128, 171, 124

 102, 144, 99

 78, 118, 75

 54, 93, 52


 31, 69, 30

 7, 46, 6


 0, 25, 1

 0, 0, 0

 128, 171, 124

 112, 171, 107

 128, 171, 124

 143, 171, 141

■ 96, 171, 90

■ 159, 171, 158

■ 82, 171, 73

■ 171, 171, 175

■ 66, 171, 56

■ 171, 173, 192

■ 50, 171, 39

■ 171, 174, 210

■ 34, 171, 21

■ 171, 175, 227

■ 18, 171, 4

■ 171, 177, 244

■ 14, 171, 0

■ 171, 177, 255

■ 171, 178, 255

Harmonies

Analogous

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



186, 192, 125



128, 171, 124



134, 173, 160

Triad

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



128, 171, 124



106, 145, 194



201, 151, 178

Complementary

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



128, 171, 124



124, 128, 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.



181, 157, 196



128, 171, 124



125, 154, 206

Square

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



128, 171, 124



106, 143, 178



154, 162, 207



209, 150, 156

Rectangle

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



128, 171, 124



131, 165, 176



154, 162, 207



196, 153, 185

Sweetspot

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



128, 171, 124



206, 222, 204



171, 124, 128



102, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



128, 171, 124



156, 222, 149



124, 171, 144



79, 87, 78



12, 150, 0



2, 23, 0

Inverse Universe

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



124, 128, 171



149, 154, 222



144, 124, 171



78, 79, 87



0, 11, 150



0, 2, 23

Previews

White Background



This preview shows how the RYB color 128, 171, 124 looks on a white background.

Color Contrast Check

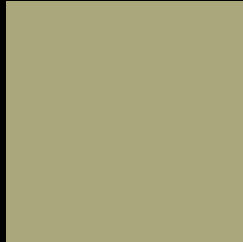
Large Text (above 18pt) WCAG AA × Fail

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 128, 171, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

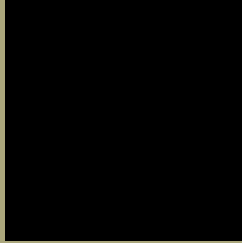
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

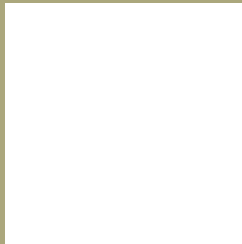
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 128, 171, 124 Background



This preview shows how black text looks on a background with the RYB color 128, 171, 124.



This preview shows how white text looks on a background with the RYB color 128, 171, 124.

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
128, 171, 124

Protanopia
138, 177, 123

Deuteranopia
195, 189, 126



Tritanopia
177, 161, 173

Trichromacy



Original Color

128, 171, 124

Protanomaly

134, 175, 123

Deuteranomaly

165, 186, 125

Tritanomaly

175, 168, 155

Monochromacy



Original Color

128, 171, 124

Achromatopsia

163, 163, 163

Achromatomaly

150, 166, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 171, 124 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, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 124)  
}
```

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, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 124) }
```

Border

The CSS property to change the border of an element to RYB 128, 171, 124 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, 167, 124) }
```

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

```
.border{ border-color:rgb(171, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 128, 171, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 124) }
```

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

```
.background{ background-color: rgb(171,  
167, 124) }
```

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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