

Converting Colors

`RYB(128, 184, 141)`

Have a look what the booklet for
RYB(128, 184, 141) contains.

RYB(128, 184, 141)	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(128, 184, 141)

Conversions

Conversions Part 1

Format	Color
Hex	ABB880
RGB	171, 184, 128
RGB Percent	67%, 72%, 50%
CMY	0.3294, 0.2784, 0.4980
CMYK	0.07, 0.00, 0.30, 0.28
HSL	74°, 28%, 61%
HSV	74°, 30%, 72%
XYZ	37.8314, 44.4974, 27.0170
YIQ	173.7290, 10.2280, -20.1720

Conversions

Conversions Part 2

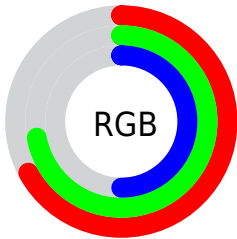
Format	Color
RYB	128, 184, 141
Decimal	11253888
CIELab	72.56, -13.93, 27.01
CIELCh	73, 30.391, 117.274
Yxy	44.4974, 0.3460, 0.4069
Android (android.graphics.Color)	4289443968 (0xFFABB880)
YUV	173.7290, -22.5444, -2.3933
Hunter-Lab	66.7064, -15.5030, 22.6812

Details

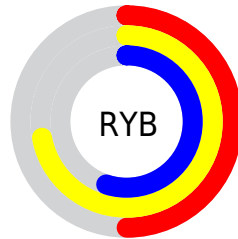
The RYB color **128, 184, 141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141, 128, 184**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **181, 240, 194**, and **78, 131, 91** is the 20% darker color. If you saturate the color by 10%, you get **110, 184, 127**, and if you desaturate by 10%, it is **146, 184, 155**.

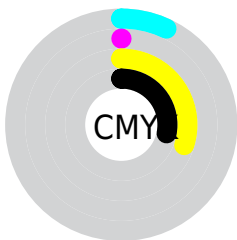
Distribution



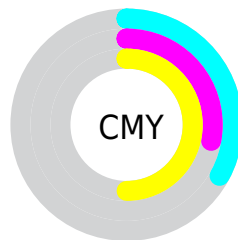
- Red (67%)
- Green (72%)
- Blue (50%)



- Red (50%)
- Yellow (72%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 184, 141 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, 184, 141 by changing the saturation by 10% instead.


 128, 184, 141

255, 255, 255

 181, 240, 194


 209, 255, 209

 237, 255, 237

 128, 184, 141


 103, 157, 116


 78, 131, 91

 55, 106, 68

 32, 82, 46


 9, 59, 23

 0, 37, 13

 0, 16, 16

 0, 0, 0

 128, 184, 141

 128, 184, 141

■ 110, 184, 127

■ 146, 184, 155

■ 91, 184, 113

■ 165, 184, 169

■ 73, 184, 99

■ 183, 184, 183

■ 54, 184, 84

■ 188, 184, 202

■ 36, 184, 70

■ 192, 184, 220

■ 18, 184, 57

■ 197, 184, 238

■ 0, 184, 43

■ 201, 184, 255

■ 205, 184, 255

■ 209, 184, 255

Harmonies

Analogous

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



160, 200, 123



128, 184, 141



139, 183, 190

Triad

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



128, 184, 141



102, 153, 224



230, 158, 182

Complementary

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



128, 184, 141



141, 128, 184

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.



211, 163, 208



128, 184, 141



138, 168, 233

Square

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



128, 184, 141



90, 144, 202



179, 172, 227



233, 159, 154

Rectangle

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



128, 184, 141



118, 164, 193



179, 172, 227



225, 159, 191

Sweetspot

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



128, 184, 141



218, 240, 223



184, 143, 128



107, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



128, 184, 141



151, 240, 172



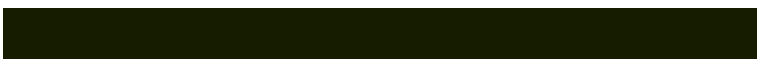
128, 184, 168



83, 92, 85



0, 156, 37



0, 28, 6

Inverse Universe

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



141, 128, 184



172, 151, 240



168, 128, 184



85, 83, 92



36, 0, 156



7, 0, 28

Previews

White Background



This preview shows how the RYB color 128, 184, 141 looks on a white background.

Color Contrast Check

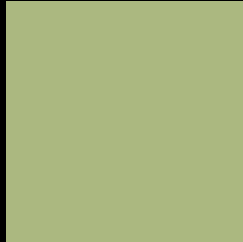
Large Text (above 18pt) WCAG AA × Fail

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, 184, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

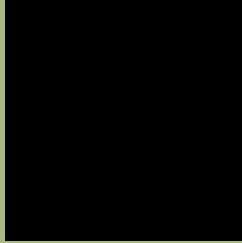
Any Text WCAG AA ✓ Pass

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, 184, 141 Background



This preview shows how black text looks on a background with the RYB color 128, 184, 141.



This preview shows how white text looks on a background with the RYB color 128, 184, 141.

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, 184, 141

Protanopia
143, 192, 125

Deuteranopia
210, 208, 131



Tritanopia
179, 176, 190

Trichromacy



Original Color

128, 184, 141

Protanomaly

130, 184, 126

Deuteranomaly

161, 196, 130

Tritanomaly

167, 179, 170

Monochromacy



Original Color

128, 184, 141

Achromatopsia

174, 174, 174

Achromatomaly

157, 178, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 184, 141 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, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 184, 128)  
}
```

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, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 184, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 184, 141 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, 184, 128) }
```

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

```
.border{ border-color:rgb(171, 184, 128) }
```

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

Here you see how a box with a 4 pixel rgb(171, 184, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 184,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 184, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 184, 128) }
```

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

```
.background{ background-color: rgb(171,  
184, 128) }
```

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