

Converting Colors

`RYB(127, 184, 140)`

Have a look what the booklet for
RYB(127, 184, 140) contains.

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Color

R_YB(127, 184, 140)

Conversions

Conversions Part 1

Format	Color
Hex	ABB87F
RGB	171, 184, 127
RGB Percent	67%, 72%, 50%
CMY	0.3294, 0.2784, 0.5020
CMYK	0.07, 0.00, 0.31, 0.28
HSL	74°, 29%, 61%
HSV	74°, 31%, 72%
XYZ	37.7658, 44.4712, 26.6720
YIQ	173.6150, 10.5490, -20.4830

Conversions

Conversions Part 2

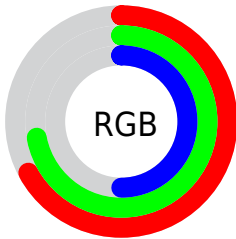
Format	Color
RYB	127, 184, 140
Decimal	11253887
CIELab	72.54, -14.06, 27.52
CIELCh	73, 30.905, 117.069
Yxy	44.4712, 0.3468, 0.4083
Android (android.graphics.Color)	4289443967 (0xFFABB87F)
YUV	173.6150, -22.9812, -2.2934
Hunter-Lab	66.6867, -15.6142, 22.9671

Details

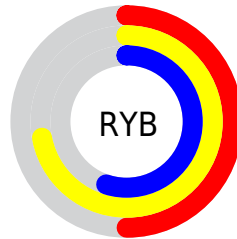
The RYB color **127, 184, 140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140, 127, 184**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **180, 240, 193**, and **77, 131, 90** is the 20% darker color. If you saturate the color by 10%, you get **109, 184, 126**, and if you desaturate by 10%, it is **145, 184, 154**.

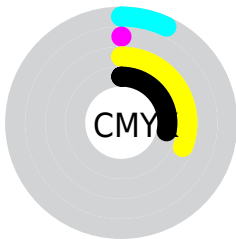
Distribution



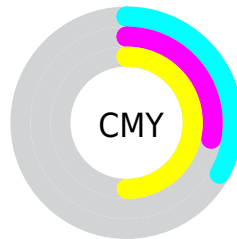
- Red (67%)
- Green (72%)
- Blue (50%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 184, 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 127, 184, 140 by changing the saturation by 10% instead.

 127, 184, 140


255, 255, 255


 180, 240, 193

 208, 255, 208


 236, 255, 236

 127, 184, 140


 102, 157, 115

 77, 131, 90

 54, 106, 67


 31, 82, 45


 8, 59, 22

 0, 37, 13

 0, 16, 16

 0, 0, 0

 127, 184, 140

 127, 184, 140

■ 109, 184, 126

■ 145, 184, 154

■ 90, 184, 111

■ 164, 184, 169

■ 72, 184, 98

■ 182, 184, 182

■ 53, 184, 83

■ 188, 184, 201

■ 35, 184, 69

■ 192, 184, 219

■ 17, 184, 55

■ 196, 184, 237

■ 0, 184, 42

■ 200, 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.



159, 200, 122



127, 184, 140



138, 183, 190

Triad

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



127, 184, 140



100, 152, 225



231, 157, 182

Complementary

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



127, 184, 140



140, 127, 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, 162, 209



127, 184, 140



137, 167, 234

Square

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



127, 184, 140



87, 142, 203



178, 172, 228



234, 159, 154

Rectangle

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



127, 184, 140



117, 164, 193



178, 172, 228



226, 158, 191

Sweetspot

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



127, 184, 140



218, 240, 223



184, 142, 127



107, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



127, 184, 140



151, 240, 172



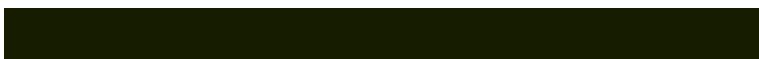
127, 184, 168



83, 92, 85



0, 156, 36



0, 28, 6

Inverse Universe

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



140, 127, 184



171, 151, 240



168, 127, 184



85, 83, 92



35, 0, 156



6, 0, 28

Previews

White Background



This preview shows how the RYB color 127, 184, 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 127, 184, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

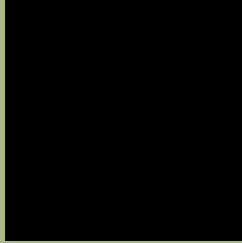
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

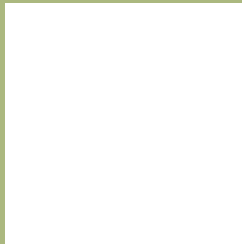
Any Text WCAG AAA ✓ Pass

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

RYB 127, 184, 140 Background



This preview shows how black text looks on a background with the RYB color 127, 184, 140.



This preview shows how white text looks on a background with the RYB color 127, 184, 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



Original Color
127, 184, 140

Protanopia
142, 192, 124

Deuteranopia
210, 210, 130



Tritanopia
179, 176, 190

Trichromacy



Original Color
127, 184, 140

Protanomaly
129, 184, 125

Deuteranomaly
160, 196, 129

Tritanomaly
167, 179, 170

Monochromacy



Original Color
127, 184, 140

Achromatopsia
174, 174, 174

Achromatomaly
157, 178, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 184, 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(171, 184, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 184, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 184, 127) }
```

Border

The CSS property to change the border of an element to RYB 127, 184, 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(171, 184, 127) }
```

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

```
.border{ border-color:rgb(171, 184, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 184, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 184, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 184,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 127, 184, 140 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, 127) }
```

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

```
.background{ background-color: rgb(171,  
184, 127) }
```

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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