

Converting Colors

`RYB(131, 180, 127)`

Have a look what the booklet for
RYB(131, 180, 127) contains.

RYB(131, 180, 127)	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(131, 180, 127)

Conversions

Conversions Part 1

Format	Color
Hex	B4B07F
RGB	180, 176, 127
RGB Percent	71%, 69%, 50%
CMY	0.2941, 0.3087, 0.5020
CMYK	0.00, 0.02, 0.29, 0.29
HSL	56°, 26%, 60%
HSV	56°, 29%, 71%
XYZ	38.2336, 42.3965, 26.2469
YIQ	171.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

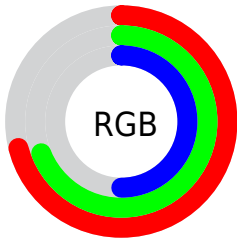
Format	Color
RYB	131, 180, 127
Decimal	11841663
CIELab	71.14, -6.52, 25.78
CIELCh	71, 26.588, 104.200
Yxy	42.3965, 0.3577, 0.3967
Android (android.graphics.Color)	4290031743 (0xFFB4B07F)
YUV	171.6100, -21.9927, 7.3580
Hunter-Lab	65.1126, -9.1332, 21.6790

Details

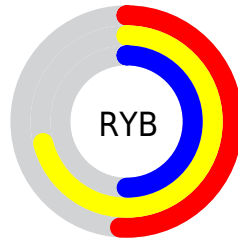
The RYB color **131, 180, 127** is a light color, and the websafe version is hex **999966**. A complement of this color would be **127, 131, 180**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **184, 236, 180**, and **79, 126, 77** is the 20% darker color. If you saturate the color by 10%, you get **114, 180, 109**, and if you desaturate by 10%, it is **147, 180, 145**.

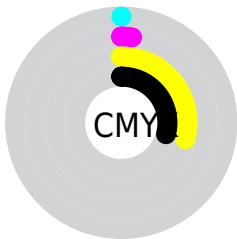
Distribution



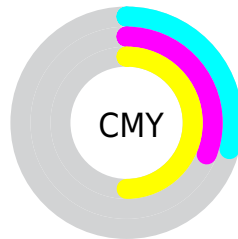
- Red (71%)
- Green (69%)
- Blue (50%)



- Red (51%)
- Yellow (71%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (29%)




- Cyan (29%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 180, 127 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 131, 180, 127 by changing the saturation by 10% instead.


 131, 180, 127


255, 255, 255

 184, 236, 180

 208, 255, 208

 236, 255, 236

 131, 180, 127

 105, 153, 102

 79, 126, 77

 56, 101, 54


 33, 76, 32


 9, 53, 9

 0, 32, 1

 0, 8, 8

 0, 0, 0

 131, 180, 127

 131, 180, 127

■ 114, 180, 109

■ 147, 180, 145

■ 97, 180, 91

■ 164, 180, 163

■ 82, 180, 73

■ 180, 180, 181

■ 65, 180, 55

■ 180, 181, 199

■ 48, 180, 37

■ 180, 183, 217

■ 31, 180, 19

■ 180, 184, 235

■ 15, 180, 1

■ 180, 185, 253

■ 14, 180, 0

■ 180, 186, 255

■ 180, 187, 255

Harmonies

Analogous

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



194, 203, 128



131, 180, 127



139, 183, 169

Triad

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



131, 180, 127



104, 150, 207



214, 158, 188

Complementary

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



131, 180, 127



127, 131, 180

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.



192, 164, 209



131, 180, 127



127, 161, 220

Square

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



131, 180, 127



105, 147, 188



160, 170, 221



223, 157, 163

Rectangle

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



131, 180, 127



134, 173, 186



160, 170, 221



208, 160, 196

Sweetspot

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



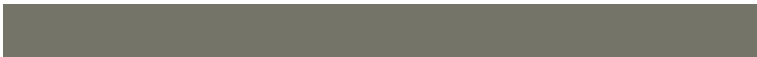
131, 180, 127



215, 235, 213



180, 127, 131



105, 117, 104



245, 245, 245



117, 117, 117

Same Dimension

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



131, 180, 127



158, 235, 152



127, 180, 149



80, 89, 80



12, 153, 0



2, 26, 0

Inverse Universe

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



127, 131, 180



152, 158, 235



149, 127, 180



80, 81, 89



0, 10, 153



0, 2, 26

Previews

White Background



This preview shows how the RYB color 131, 180, 127 looks on a white background.

Color Contrast Check

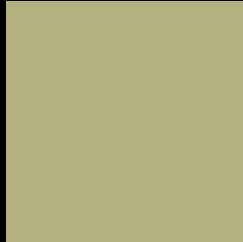
Large Text (above 18pt) WCAG AA × Fail

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 131, 180, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

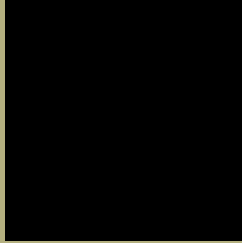
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

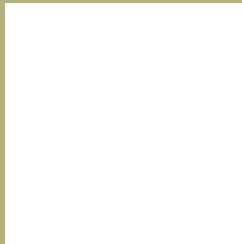
Any Text WCAG AAA ✓ Pass

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

RYB 131, 180, 127 Background



This preview shows how black text looks on a background with the RYB color 131, 180, 127.



This preview shows how white text looks on a background with the RYB color 131, 180, 127.

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

131, 180, 127

Protanopia

143, 187, 126

Deuteranopia

206, 204, 129



Tritanopia
187, 169, 182

Trichromacy



Original Color
131, 180, 127

Protanomaly
137, 184, 126

Deuteranomaly
172, 197, 128

Tritanomaly
184, 180, 162

Monochromacy



Original Color
131, 180, 127

Achromatopsia
172, 172, 172

Achromatomaly
157, 175, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 180, 127 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(180, 176, 127) looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 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(180, 176, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 127) }
```

Border

The CSS property to change the border of an element to RYB 131, 180, 127 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(180, 176, 127) }
```

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

```
.border{ border-color:rgb(180, 176, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 131, 180, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 127) }
```

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

```
.background{ background-color: rgb(180,  
176, 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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