

Converting Colors

`RYB(121, 185, 126)`

Have a look what the booklet for
RYB(121, 185, 126) contains.

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Color

R_YB(121, 185, 126)

Conversions

Conversions Part 1

Format	Color
Hex	B4B979
RGB	180, 185, 121
RGB Percent	71%, 73%, 47%
CMY	0.2941, 0.2745, 0.5255
CMYK	0.03, 0.00, 0.35, 0.27
HSL	65°, 31%, 60%
HSV	65°, 35%, 73%
XYZ	39.6225, 45.7817, 24.8376
YIQ	176.2090, 17.5640, -20.9640

Conversions

Conversions Part 2

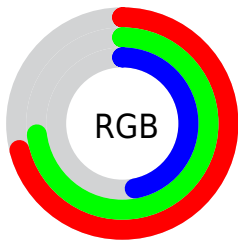
Format	Color
RYB	121, 185, 126
Decimal	11843961
CIELab	73.40, -11.85, 31.94
CIElCh	73, 34.069, 110.352
Yxy	45.7817, 0.3594, 0.4153
Android (android.graphics.Color)	4290034041 (0xFFB4B979)
YUV	176.2090, -27.2180, 3.3247
Hunter-Lab	67.6622, -13.8803, 25.5992

Details

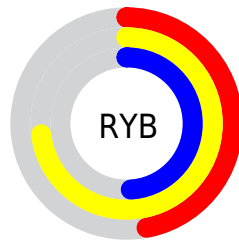
The RYB color **121, 185, 126** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **126, 121, 185**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **174, 241, 178**, and **71, 132, 77** is the 20% darker color. If you saturate the color by 10%, you get **103, 185, 109**, and if you desaturate by 10%, it is **139, 185, 143**.

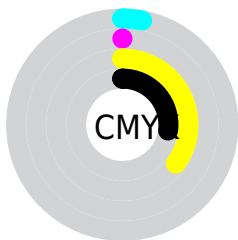
Distribution



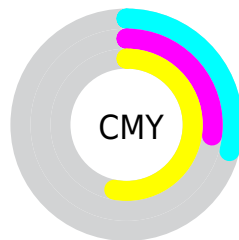
- Red (71%)
- Green (73%)
- Blue (47%)



- Red (47%)
- Yellow (73%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)




- Cyan (29%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 185, 126 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 121, 185, 126 by changing the saturation by 10% instead.


 121, 185, 126


255, 255, 255


 174, 241, 178


 202, 255, 202

 230, 255, 230

 121, 185, 126

 96, 158, 101

 71, 132, 77

 48, 107, 55


 24, 83, 31


 0, 60, 8

 0, 38, 9

 0, 19, 19

 0, 0, 0

 121, 185, 126

 121, 185, 126

■ 103, 185, 109

■ 139, 185, 143

■ 84, 185, 92

■ 158, 185, 160

■ 65, 185, 74

■ 177, 185, 178

■ 47, 185, 58

■ 186, 185, 195

■ 28, 185, 40

■ 187, 185, 213

■ 10, 185, 24

■ 189, 185, 232

■ 0, 185, 14

■ 190, 185, 251

■ 192, 185, 255

■ 193, 185, 255

Harmonies

Analogous

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



178, 211, 119



121, 185, 126



139, 193, 188

Triad

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



121, 185, 126



81, 145, 227



235, 158, 192

Complementary

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



121, 185, 126



126, 121, 185

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.



210, 165, 220



121, 185, 126



122, 164, 241

Square

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



121, 185, 126



77, 138, 201



170, 176, 239



242, 158, 160

Rectangle

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



121, 185, 126



119, 170, 196



170, 176, 239



229, 159, 202

Sweetspot

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



121, 185, 126



216, 240, 218



185, 125, 121



105, 120, 106



247, 247, 247



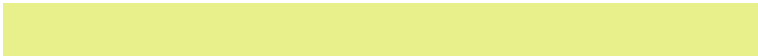
120, 120, 120

Same Dimension

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



121, 185, 126



139, 240, 147



121, 185, 157



83, 92, 84



0, 156, 13



0, 28, 2

Inverse Universe

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



126, 121, 185



147, 139, 240



157, 121, 185



83, 83, 92



12, 0, 156



2, 0, 28

Previews

White Background



This preview shows how the RYB color 121, 185, 126 looks on a white background.

Color Contrast Check

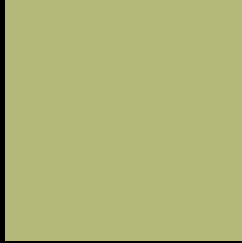
Large Text (above 18pt) WCAG AA × Fail

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 121, 185, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

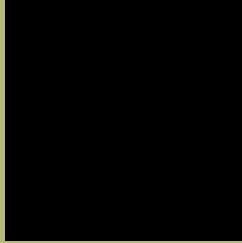
Any Text WCAG AA ✓ Pass

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 121, 185, 126 Background



This preview shows how black text looks on a background with the RYB color 121, 185, 126.



This preview shows how white text looks on a background with the RYB color 121, 185, 126.

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
121, 185, 126

Protanopia
139, 196, 119

Deuteranopia
206, 215, 124



Tritanopia
188, 176, 190

Trichromacy



Original Color
121, 185, 126

Protanomaly
129, 190, 120

Deuteranomaly
160, 202, 123

Tritanomaly
174, 185, 165

Monochromacy



Original Color
121, 185, 126

Achromatopsia
176, 176, 176

Achromatomaly
156, 179, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 185, 126 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, 185, 121)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 121)  
}
```

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, 185, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 185, 126 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, 185, 121) }
```

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

```
.border{ border-color:rgb(180, 185, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 121);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 185, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 121) }
```

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

```
.background{ background-color: rgb(180,  
185, 121) }
```

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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