

Converting Colors

`RYB(169, 185, 126)`

Have a look what the booklet for
RYB(169, 185, 126) contains.

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Color

R_YB(169, 185, 126)

Conversions

Conversions Part 1

Format	Color
Hex	B9A07E
RGB	185, 160, 126
RGB Percent	73%, 63%, 49%
CMY	0.2745, 0.3720, 0.5059
CMYK	0.00, 0.13, 0.32, 0.27
HSL	35°, 30%, 61%
HSV	35°, 32%, 73%
XYZ	36.3664, 37.0065, 24.9649
YIQ	163.5990, 25.8140, -5.2740

Conversions

Conversions Part 2

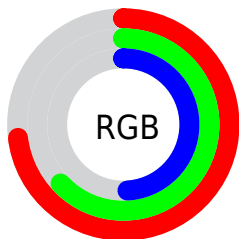
Format	Color
RYB	169, 185, 126
Decimal	12165246
CIELab	67.28, 4.01, 21.18
CIElCh	67, 21.555, 79.271
Yxy	37.0065, 0.3698, 0.3763
Android (android.graphics.Color)	4290355326 (0xFFB9A07E)
YUV	163.5990, -18.5363, 18.7687
Hunter-Lab	60.8329, 0.2510, 18.2514

Details

The RYB color **169, 185, 126** is a light color, and the websafe version is hex **999966**. A complement of this color would be **126, 144, 185**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **226, 242, 179**, and **114, 131, 77** is the 20% darker color. If you saturate the color by 10%, you get **166, 185, 108**, and if you desaturate by 10%, it is **175, 185, 145**.

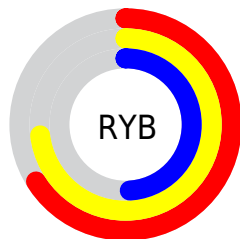
Distribution



Red (73%)

Green (63%)

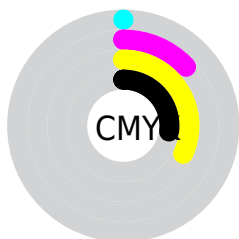
Blue (49%)



Red (66%)

Yellow (73%)

Blue (49%)

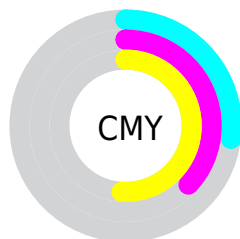


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 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 169, 185, 126 by changing the saturation by 10% instead.

 169, 185, 126


255, 255, 255

 226, 242, 179

 222, 255, 206

 235, 255, 235

 169, 185, 126

 142, 158, 101

 114, 131, 77

 87, 105, 54

 63, 80, 32

 35, 56, 10


 27, 34, 0

 0, 0, 0

 169, 185, 126

 166, 185, 108

 169, 185, 126

 175, 185, 145

■ 158, 185, 89

■ 178, 185, 163

■ 152, 185, 70

■ 184, 185, 182

■ 149, 185, 52

■ 185, 189, 200

■ 145, 185, 34

■ 185, 195, 219

■ 140, 185, 15

■ 185, 200, 237

■ 135, 185, 0

■ 185, 206, 255

■ 185, 210, 255

■ 185, 212, 255

Harmonies

Analogous

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



199, 162, 135



169, 185, 126



127, 166, 128

Triad

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



169, 185, 126



110, 143, 176



182, 155, 189

Complementary

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



169, 185, 126



126, 144, 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.



158, 161, 200



169, 185, 126



113, 147, 193

Square

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



169, 185, 126



123, 154, 174



132, 156, 201



198, 151, 172

Rectangle

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



169, 185, 126



133, 170, 153



132, 156, 201



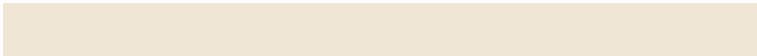
175, 157, 194

Sweetspot

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



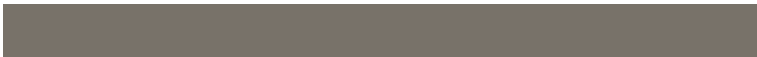
169, 185, 126



233, 240, 216



185, 126, 152



115, 120, 105



247, 247, 247



120, 120, 120

Same Dimension

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



169, 185, 126



217, 240, 149



126, 185, 130



90, 92, 83



114, 156, 0



21, 28, 0

Inverse Universe

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



126, 144, 185



149, 176, 240



130, 126, 185



83, 85, 92



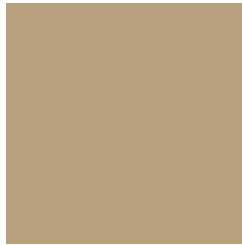
0, 46, 156



0, 8, 28

Previews

White Background



This preview shows how the RYB color 169, 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 169, 185, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

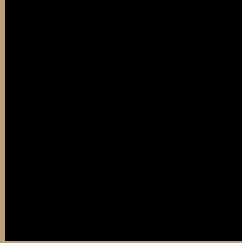
Any Text WCAG AA ✓ Pass

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](#).

R Y B 169, 185, 126 Background



This preview shows how black text looks on a background with the R Y B color 169, 185, 126.



This preview shows how white text looks on a background with the R Y B color 169, 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
169, 185, 126

Protanopia
142, 175, 128

Deuteranopia
192, 183, 127



Tritanopia
190, 155, 167

Trichromacy



Original Color
169, 185, 126

Protanomaly
150, 179, 127

Deuteranomaly
189, 189, 127

Tritanomaly
188, 158, 152

Monochromacy



Original Color
169, 185, 126

Achromatopsia
164, 164, 164

Achromatomaly
165, 172, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 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(185, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 126)  
}
```

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(185, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 126) }
```

Border

The CSS property to change the border of an element to RYB 169, 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(185, 160, 126) }
```

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

```
.border{ border-color:rgb(185, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 160, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 160, 126); box-shadow:4px 4px 4px 4px rgb(185, 160, 126) }
```

Background

The CSS property to change the background color of an element to RYB 169, 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(185, 160, 126) }
```

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

```
.background{ background-color: rgb(185,  
160, 126) }
```

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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