

Converting Colors

`RYB(129, 182, 107)`

Have a look what the booklet for
RYB(129, 182, 107) contains.

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Color

$\text{RYB}(129, 182, 107)$

Conversions

Conversions Part 1

Format	Color
Hex	B6A56B
RGB	182, 165, 107
RGB Percent	71%, 65%, 42%
CMY	0.2863, 0.3530, 0.5804
CMYK	0.00, 0.09, 0.41, 0.29
HSL	46°, 34%, 57%
HSV	46°, 41%, 71%
XYZ	35.3985, 37.9132, 19.3622
YIQ	163.4710, 28.7500, -14.4340

Conversions

Conversions Part 2

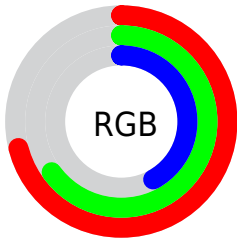
Format	Color
RYB	129, 182, 107
Decimal	11969899
CIELab	67.96, -2.14, 32.28
CIELCh	68, 32.356, 93.800
Yxy	37.9132, 0.3820, 0.4091
Android (android.graphics.Color)	4290159979 (0xFFB6A56B)
YUV	163.4710, -27.8402, 16.2499
Hunter-Lab	61.5737, -5.1348, 24.4575

Details

The RYB color **129, 182, 107** is a light color, and the websafe version is hex **999966**. A complement of this color would be **107, 121, 182**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **184, 239, 159**, and **77, 128, 58** is the 20% darker color. If you saturate the color by 10%, you get **116, 182, 89**, and if you desaturate by 10%, it is **142, 182, 125**.

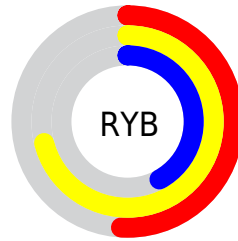
Distribution



Red (71%)

Green (65%)

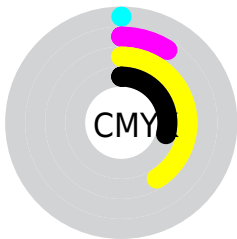
Blue (42%)



Red (51%)

Yellow (71%)

Blue (42%)

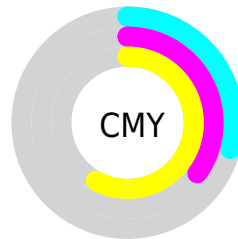


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 182, 107 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 129, 182, 107 by changing the saturation by 10% instead.

 129, 182, 107

255, 255, 255

 184, 239, 159

 194, 255, 186


 214, 255, 214

 243, 255, 243


 129, 182, 107

 116, 182, 89


 129, 182, 107

 101, 154, 82

 77, 128, 58

 51, 102, 35


 24, 76, 12

 11, 53, 0

 5, 28, 0

 0, 0, 0

 129, 182, 107

 142, 182, 125

■ 103, 182, 71

■ 155, 182, 143

■ 89, 182, 52

■ 169, 182, 162

■ 78, 182, 34

■ 180, 182, 180

■ 65, 182, 16

■ 182, 185, 198

■ 53, 182, 0

■ 182, 188, 216

■ 182, 192, 234

■ 182, 195, 253

■ 182, 198, 255

Harmonies

Analogous

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



207, 187, 114



129, 182, 107



116, 174, 139

Triad

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



129, 182, 107



64, 126, 197



206, 147, 192

Complementary

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



129, 182, 107



107, 121, 182

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.



174, 157, 214



129, 182, 107



87, 139, 217

Square

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



129, 182, 107



82, 136, 182



132, 157, 223



222, 143, 163

Rectangle

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



129, 182, 107



128, 176, 178



132, 157, 223



197, 150, 200

Sweetspot

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



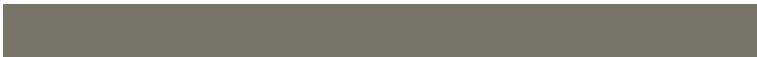
129, 182, 107



217, 237, 209



182, 107, 125



108, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



129, 182, 107



155, 237, 121



107, 182, 127



86, 92, 83



47, 156, 0



8, 28, 0

Inverse Universe

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



107, 121, 182



121, 142, 237



127, 107, 182



83, 85, 92



0, 29, 156



0, 5, 28

Previews

White Background



This preview shows how the RYB color 129, 182, 107 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 129, 182, 107 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 129, 182, 107 Background



This preview shows how black text looks on a background with the RYB color 129, 182, 107.



This preview shows how white text looks on a background with the RYB color 129, 182, 107.

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

129, 182, 107

Protanopia

124, 180, 107

Deuteranopia

183, 199, 108



Tritanopia
189, 157, 170

Trichromacy



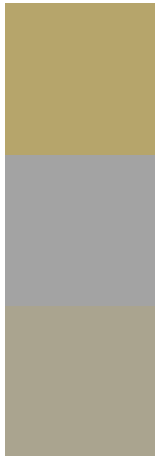
Original Color
129, 182, 107

Protanomaly
126, 181, 107

Deuteranomaly
159, 193, 108

Tritanomaly
186, 167, 147

Monochromacy



Original Color
129, 182, 107

Achromatopsia
163, 163, 163

Achromatomaly
151, 170, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 182, 107 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(182, 165, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 165, 107)  
}
```

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(182, 165, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 165, 107) }
```

Border

The CSS property to change the border of an element to RYB 129, 182, 107 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(182, 165, 107) }
```

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

```
.border{ border-color:rgb(182, 165, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 165, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 165, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 165, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 165,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 129, 182, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 165, 107) }
```

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

```
.background{ background-color: rgb(182,  
165, 107) }
```

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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