

Converting Colors

`RYB(109, 181, 131)`

Have a look what the booklet for
RYB(109, 181, 131) contains.

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Color

R_YB(109, 181, 131)

Conversions

Conversions Part 1

Format	Color
Hex	9FB56D
RGB	159, 181, 109
RGB Percent	62%, 71%, 43%
CMY	0.3765, 0.2902, 0.5725
CMYK	0.12, 0.00, 0.40, 0.29
HSL	78°, 33%, 57%
HSV	78°, 40%, 71%
XYZ	33.5823, 41.5228, 20.7127
YIQ	166.2140, 10.0000, -27.0560

Conversions

Conversions Part 2

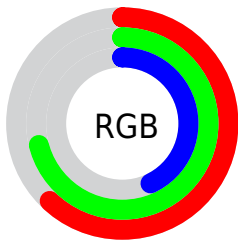
Format	Color
RYB	109, 181, 131
Decimal	10466669
CIELab	70.54, -19.54, 34.18
CIElCh	71, 39.376, 119.757
Yxy	41.5228, 0.3505, 0.4334
Android (android.graphics.Color)	4288656749 (0xFF9FB56D)
YUV	166.2140, -28.2065, -6.3267
Hunter-Lab	64.4382, -19.7407, 26.0488

Details

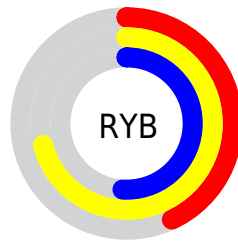
The RYB color **109, 181, 131** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **131, 109, 181**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **161, 237, 183**, and **60, 128, 82** is the 20% darker color. If you saturate the color by 10%, you get **91, 181, 119**, and if you desaturate by 10%, it is **127, 181, 143**.

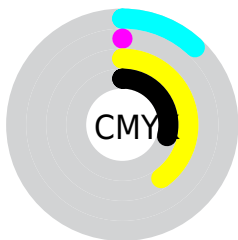
Distribution



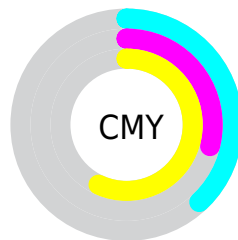
- Red (62%)
- Green (71%)
- Blue (43%)



- Red (43%)
- Yellow (71%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (40%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 181, 131 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 109, 181, 131 by changing the saturation by 10% instead.

 109, 181, 131

255, 255, 255


 161, 237, 183


 189, 255, 201

 217, 255, 217


 246, 255, 246

 109, 181, 131


 84, 154, 106

 60, 128, 82

 36, 103, 58

 11, 79, 33

 0, 56, 22

 0, 34, 27

 0, 4, 4

 0, 0, 0

 109, 181, 131

 109, 181, 131

■ 91, 181, 119

■ 127, 181, 143

■ 73, 181, 106

■ 145, 181, 156

■ 55, 181, 94

■ 163, 181, 168

■ 37, 181, 81

■ 181, 181, 181

■ 19, 181, 69

■ 187, 181, 200

■ 0, 181, 55

■ 192, 181, 218

■ 198, 181, 236

■ 203, 181, 254

■ 209, 181, 255

Harmonies

Analogous

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



136, 196, 100



109, 181, 131



116, 173, 188

Triad

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



109, 181, 131



48, 127, 234



239, 144, 174

Complementary

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



109, 181, 131



131, 109, 181

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.



217, 151, 209



109, 181, 131



119, 158, 244

Square

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



109, 181, 131



0, 99, 207



176, 163, 235



241, 148, 139

Rectangle

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



109, 181, 131



83, 146, 191



176, 163, 235



234, 146, 186

Sweetspot

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



109, 181, 131



206, 235, 215



181, 141, 109



101, 117, 106



245, 245, 245



117, 117, 117

Same Dimension

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



109, 181, 131



122, 235, 157



109, 181, 167



80, 89, 82



0, 153, 47



0, 26, 8

Inverse Universe

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



131, 109, 181



156, 122, 235



167, 109, 181



83, 80, 89



47, 0, 153



8, 0, 26

Previews

White Background



This preview shows how the RYB color 109, 181, 131 looks on a white background.

Color Contrast Check

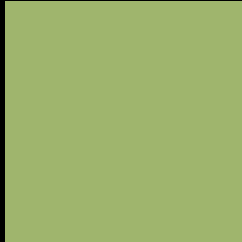
Large Text (above 18pt) WCAG AA × Fail

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 109, 181, 131 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 109, 181, 131 Background



This preview shows how black text looks on a background with the RYB color 109, 181, 131.

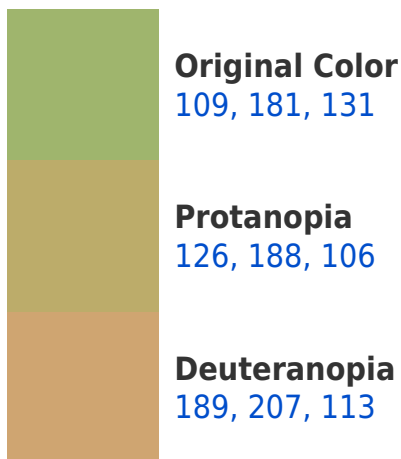


This preview shows how white text looks on a background with the RYB color 109, 181, 131.

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





Tritanopia
169, 172, 185

Trichromacy



Original Color

109, 181, 131

Protanomaly

109, 177, 107

Deuteranomaly

137, 190, 112

Tritanomaly

157, 175, 167

Monochromacy



Original Color

109, 181, 131

Achromatopsia

166, 166, 166

Achromatomaly

145, 171, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 181, 131 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(159, 181, 109)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 109)  
}
```

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(159, 181, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 181, 131 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(159, 181, 109) }
```

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

```
.border{ border-color:rgb(159, 181, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 109);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 181, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 109) }
```

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

```
.background{ background-color: rgb(159,  
181, 109) }
```

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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