

Converting Colors

`RYB(182, 199, 131)`

Have a look what the booklet for
RYB(182, 199, 131) contains.

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Color

R_YB(182, 199, 131)

Conversions

Conversions Part 1

Format	Color
Hex	C7AA83
RGB	199, 170, 131
RGB Percent	78%, 67%, 51%
CMY	0.2196, 0.3339, 0.4863
CMYK	0.00, 0.15, 0.34, 0.22
HSL	34°, 38%, 65%
HSV	34°, 34%, 78%
XYZ	41.9979, 42.4767, 27.4580
YIQ	174.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

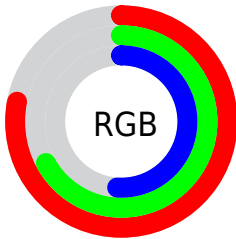
Format	Color
RYB	182, 199, 131
Decimal	13085315
CIELab	71.20, 4.98, 23.98
CIELCh	71, 24.496, 78.278
Yxy	42.4767, 0.3752, 0.3795
Android (android.graphics.Color)	4291275395 (0xFFC7AA83)
YUV	174.2250, -21.3099, 21.7277
Hunter-Lab	65.1742, 0.9696, 20.6429

Details

The RYB color **182, 199, 131** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **131, 151, 199**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **236, 255, 184**, and **125, 144, 81** is the 20% darker color. If you saturate the color by 10%, you get **178, 199, 111**, and if you desaturate by 10%, it is **188, 199, 151**.

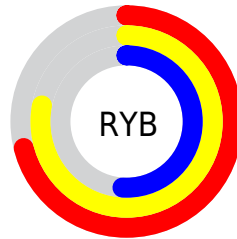
Distribution



Red (78%)

Green (67%)

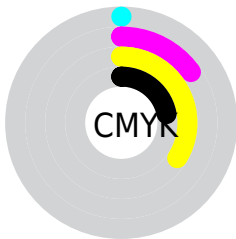
Blue (51%)



Red (71%)

Yellow (78%)

Blue (51%)

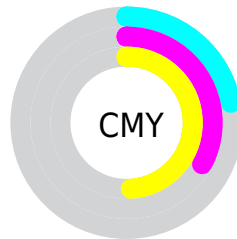


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 199, 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 182, 199, 131 by changing the saturation by 10% instead.


 182, 199, 131


255, 255, 255

 236, 255, 184


 213, 255, 212

 240, 255, 240

 182, 199, 131

 155, 171, 106

 125, 144, 81

 101, 118, 58


 72, 92, 36


 46, 67, 14

 28, 44, 0

 18, 0, 0


 0, 0, 0


 182, 199, 131

 182, 199, 131

 178, 199, 111


 188, 199, 151

 171, 199, 91

 192, 199, 171

 167, 199, 71

 199, 199, 191

 161, 199, 51

 199, 203, 211

 157, 199, 31

 199, 209, 231

 152, 199, 12

 199, 214, 250

 148, 199, 0

 199, 219, 255

 199, 222, 255

 199, 225, 255

Harmonies

Analogous

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



215, 171, 142



182, 199, 131



132, 177, 132

Triad

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



182, 199, 131



111, 149, 187



194, 164, 204

Complementary

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



182, 199, 131



131, 151, 199

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.



166, 171, 216



182, 199, 131



114, 154, 207

Square

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



182, 199, 131



127, 163, 186



136, 164, 217



213, 159, 184

Rectangle

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



182, 199, 131



139, 181, 160



136, 164, 217



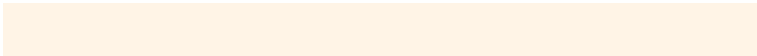
186, 166, 209

Sweetspot

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



182, 199, 131



250, 255, 230



199, 131, 160



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



182, 199, 131



229, 255, 150



131, 199, 136



97, 99, 90



123, 163, 0



29, 36, 0

Inverse Universe

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



131, 151, 199



150, 182, 255



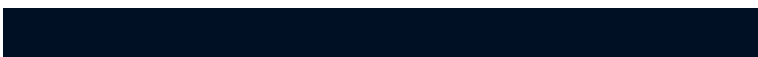
136, 131, 199



90, 93, 99



0, 49, 163



0, 11, 36

Previews

White Background



This preview shows how the RYB color 182, 199, 131 looks on a white background.

Color Contrast Check

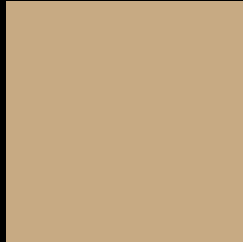
Large Text (above 18pt) WCAG AA × Fail

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 182, 199, 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 182, 199, 131 Background



This preview shows how black text looks on a background with the RYB color 182, 199, 131.

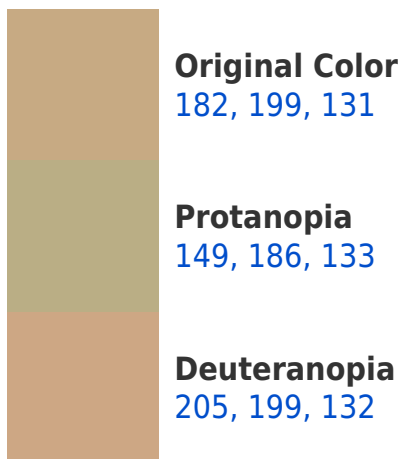


This preview shows how white text looks on a background with the RYB color 182, 199, 131.

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
204, 164, 176

Trichromacy



Original Color
182, 199, 131

Protanomaly
160, 191, 132

Deuteranomaly
201, 203, 132

Tritanomaly
202, 167, 160

Monochromacy



Original Color
182, 199, 131

Achromatopsia
174, 174, 174

Achromatomaly
178, 183, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 199, 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(199, 170, 131)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 131)  
}
```

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(199, 170, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 131) }
```

Border

The CSS property to change the border of an element to RYB 182, 199, 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(199, 170, 131) }
```

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

```
.border{ border-color:rgb(199, 170, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 170, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 131);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 182, 199, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 131) }
```

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

```
.background{ background-color: rgb(199,  
170, 131) }
```

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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