

Converting Colors

`RYB(161, 194, 128)`

Have a look what the booklet for
RYB(161, 194, 128) contains.

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Color

R_YB(161, 194, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C2AC80
RGB	194, 172, 128
RGB Percent	76%, 67%, 50%
CMY	0.2392, 0.3255, 0.4980
CMYK	0.00, 0.11, 0.34, 0.24
HSL	40°, 35%, 63%
HSV	40°, 34%, 76%
XYZ	40.8969, 42.5329, 26.4762
YIQ	173.5620, 27.2360, -9.0200

Conversions

Conversions Part 2

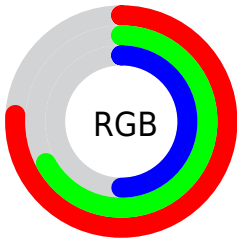
Format	Color
R_{YB}	161, 194, 128
Decimal	12758144
CIE _{Lab}	71.24, 1.45, 25.58
CIE _{LCh}	71, 25.617, 86.747
Yxy	42.5329, 0.3721, 0.3870
Android (android.graphics.Color)	4290948224 (0xFFC2AC80)
YUV	173.5620, -22.4621, 17.9241
Hunter-Lab	65.2172, -2.1950, 21.5821

Details

The RYB color **161, 194, 128** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128, 145, 194**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **218, 251, 181**, and **106, 139, 78** is the 20% darker color. If you saturate the color by 10%, you get **151, 194, 109**, and if you desaturate by 10%, it is **171, 194, 147**.

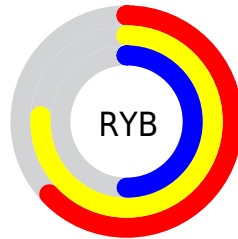
Distribution



Red (76%)

Green (67%)

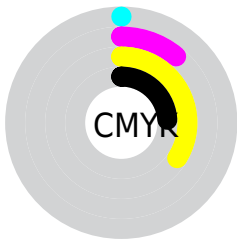
Blue (50%)



Red (63%)

Yellow (76%)

Blue (50%)

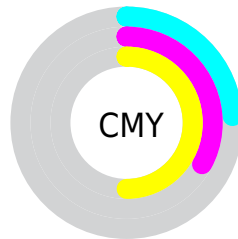


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 194, 128 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 161, 194, 128 by changing the saturation by 10% instead.


 161, 194, 128


255, 255, 255

 218, 251, 181


 209, 255, 209

 237, 255, 237

 161, 194, 128

 132, 166, 103

 106, 139, 78

 81, 113, 55

 56, 88, 33


 30, 63, 11

 17, 40, 0

 11, 4, 0

 0, 0, 0

 161, 194, 128

 161, 194, 128

■ 151, 194, 109

■ 171, 194, 147

■ 142, 194, 89

■ 181, 194, 167

■ 131, 194, 70

■ 191, 194, 186

■ 122, 194, 50

■ 194, 197, 206

■ 112, 194, 31

■ 194, 202, 225

■ 104, 194, 12

■ 194, 207, 244

■ 98, 194, 0

■ 194, 211, 255

■ 194, 214, 255

■ 194, 217, 255

Harmonies

Analogous

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



213, 180, 136



161, 194, 128



132, 179, 142

Triad

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



161, 194, 128



106, 148, 195



202, 162, 200

Complementary

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



161, 194, 128



128, 145, 194

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.



175, 169, 216



161, 194, 128



115, 155, 213

Square

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



161, 194, 128



118, 157, 187



142, 166, 221



218, 158, 178

Rectangle

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



161, 194, 128



142, 183, 174



142, 166, 221



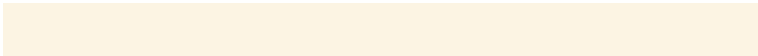
194, 164, 207

Sweetspot

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



161, 194, 128



239, 252, 227



194, 128, 150



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



161, 194, 128



200, 252, 149



128, 194, 139



91, 97, 87



81, 161, 0



17, 33, 0

Inverse Universe

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



128, 145, 194



149, 175, 252



139, 128, 194



87, 89, 97



0, 40, 161



0, 8, 33

Previews

White Background



This preview shows how the RYB color 161, 194, 128 looks on a white background.

Color Contrast Check

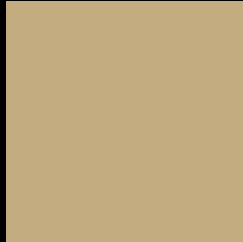
Large Text (above 18pt) WCAG AA × Fail

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 161, 194, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

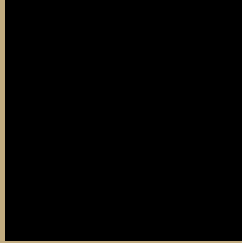
Any Text WCAG AA ✓ Pass

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 161, 194, 128 Background



This preview shows how black text looks on a background with the RYB color 161, 194, 128.



This preview shows how white text looks on a background with the RYB color 161, 194, 128.

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
161, 194, 128

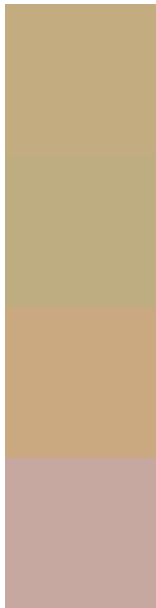
Protanopia
146, 187, 129

Deuteranopia
206, 204, 129



Tritanopia
200, 165, 178

Trichromacy



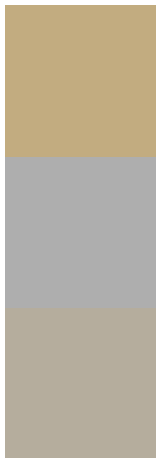
Original Color
161, 194, 128

Protanomaly
153, 190, 129

Deuteranomaly
189, 202, 129

Tritanomaly
198, 170, 160

Monochromacy



Original Color
161, 194, 128

Achromatopsia
174, 174, 174

Achromatomaly
169, 181, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 161, 194, 128 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(194, 172, 128) looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 128)  
}
```

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(194, 172, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 128) }
```

Border

The CSS property to change the border of an element to RYB 161, 194, 128 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(194, 172, 128) }
```

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

```
.border{ border-color:rgb(194, 172, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 161, 194, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 128) }
```

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

```
.background{ background-color: rgb(194,  
172, 128) }
```

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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