

Converting Colors

`RYB(130, 194, 103)`

Have a look what the booklet for
RYB(130, 194, 103) contains.

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Color

$\text{RYB}(130, 194, 103)$

Conversions

Conversions Part 1

Format	Color
Hex	C2AD67
RGB	194, 173, 103
RGB Percent	76%, 68%, 40%
CMY	0.2392, 0.3209, 0.5961
CMYK	0.00, 0.11, 0.47, 0.24
HSL	46°, 43%, 58%
HSV	46°, 47%, 76%
XYZ	39.6740, 42.4040, 18.9257
YIQ	171.2990, 34.9860, -17.3180

Conversions

Conversions Part 2

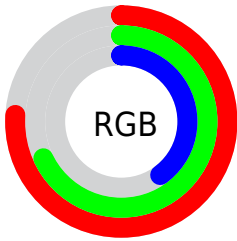
Format	Color
RYB	130, 194, 103
Decimal	12758375
CIELab	71.15, -1.97, 38.64
CIELCh	71, 38.690, 92.914
Yxy	42.4040, 0.3928, 0.4198
Android (android.graphics.Color)	4290948455 (0xFFC2AD67)
YUV	171.2990, -33.6714, 19.9088
Hunter-Lab	65.1184, -5.2043, 28.3511

Details

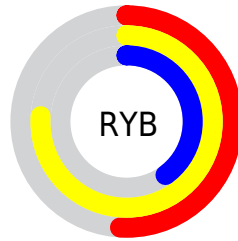
The RYB color **130, 194, 103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 120, 194**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **187, 252, 155**, and **75, 138, 54** is the 20% darker color. If you saturate the color by 10%, you get **116, 194, 84**, and if you desaturate by 10%, it is **143, 194, 122**.

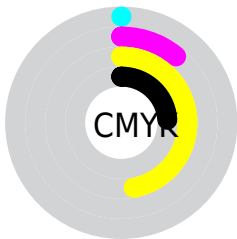
Distribution



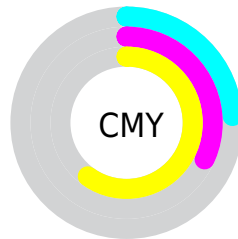
- Red (76%)
- Green (68%)
- Blue (40%)



- Red (51%)
- Yellow (76%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (47%)
- Black (24%)





- Cyan (24%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 194, 103 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 130, 194, 103 by changing the saturation by 10% instead.

 130, 194, 103

 130, 194, 103


255, 255, 255

 102, 166, 78

 187, 252, 155

 75, 138, 54

 183, 255, 183

 50, 112, 30

 210, 255, 210

 18, 86, 3

 239, 255, 239


 13, 61, 0

 7, 36, 0

 0, 6, 5

 0, 0, 0

 130, 194, 103

 130, 194, 103

■ 116, 194, 84

■ 143, 194, 122

■ 103, 194, 64

■ 158, 194, 142

■ 89, 194, 45

■ 172, 194, 161

■ 76, 194, 25

■ 185, 194, 181

■ 62, 194, 6

■ 194, 195, 200

■ 57, 194, 0

■ 194, 199, 219

■ 194, 202, 239

■ 194, 206, 255

■ 194, 208, 255

Harmonies

Analogous

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



223, 200, 112



130, 194, 103



114, 183, 140

Triad

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



130, 194, 103



10, 106, 211



221, 152, 207

Complementary

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



130, 194, 103



103, 120, 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.



183, 164, 233



130, 194, 103



64, 135, 236

Square

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



130, 194, 103



64, 133, 193



128, 162, 244



241, 147, 172

Rectangle

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



130, 194, 103



129, 187, 188



128, 162, 244



211, 155, 217

Sweetspot

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



130, 194, 103



227, 252, 217



194, 103, 124



112, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



130, 194, 103



152, 252, 111



103, 194, 127



90, 97, 87



48, 161, 0



9, 33, 0

Inverse Universe

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



103, 120, 194



111, 137, 252



127, 103, 194



87, 89, 97



0, 30, 161



0, 6, 33

Previews

White Background



This preview shows how the RYB color 130, 194, 103 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 130, 194, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

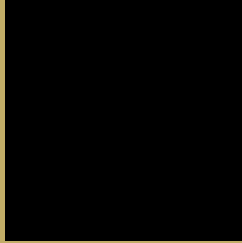
Any Text WCAG AA ✓ Pass

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 130, 194, 103 Background



This preview shows how black text looks on a background with the RYB color 130, 194, 103.



This preview shows how white text looks on a background with the RYB color 130, 194, 103.

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

130, 194, 103

Protanopia

124, 191, 103

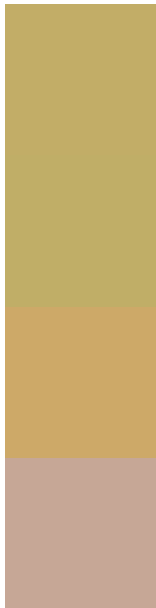
Deuteranopia

183, 211, 105



Tritanopia
201, 164, 177

Trichromacy



Original Color
130, 194, 103

Protanomaly
126, 192, 103

Deuteranomaly
160, 205, 104

Tritanomaly
198, 176, 150

Monochromacy



Original Color
130, 194, 103

Achromatopsia
171, 171, 171

Achromatomaly
155, 179, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 194, 103 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, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(194, 173, 103)  
}
```

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, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 173, 103) }
```

Border

The CSS property to change the border of an element to RYB 130, 194, 103 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, 173, 103) }
```

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

```
.border{ border-color:rgb(194, 173, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 173, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(194, 173,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 130, 194, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 173, 103) }
```

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

```
.background{ background-color: rgb(194,  
173, 103) }
```

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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