

Converting Colors

`RYB(174, 201, 123)`

Have a look what the booklet for
RYB(174, 201, 123) contains.

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Color

`RYB(174, 201, 123)`

Conversions

Conversions Part 1

Format	Color
Hex	C9AA7B
RGB	201, 170, 123
RGB Percent	79%, 67%, 48%
CMY	0.2118, 0.3327, 0.5176
CMYK	0.00, 0.15, 0.39, 0.21
HSL	36°, 42%, 64%
HSV	36°, 39%, 79%
XYZ	42.0678, 42.6581, 24.7555
YIQ	173.9110, 33.5630, -8.0450

Conversions

Conversions Part 2

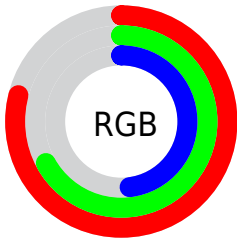
Format	Color
RYB	174, 201, 123
Decimal	13216379
CIELab	71.32, 4.65, 28.49
CIELCh	71, 28.866, 80.722
Yxy	42.6581, 0.3842, 0.3896
Android (android.graphics.Color)	4291406459 (0xFFC9AA7B)
YUV	173.9110, -25.0991, 23.7571
Hunter-Lab	65.3132, 0.6727, 23.2466

Details

The RYB color **174, 201, 123** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **123, 145, 201**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **224, 255, 176**, and **120, 146, 74** is the 20% darker color. If you saturate the color by 10%, you get **168, 201, 103**, and if you desaturate by 10%, it is **181, 201, 143**.

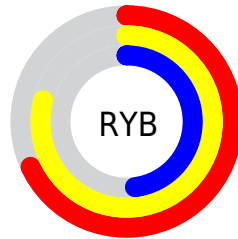
Distribution



Red (79%)

Green (67%)

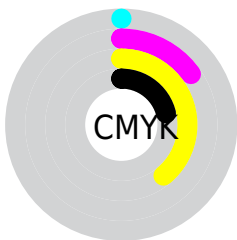
Blue (48%)



Red (68%)

Yellow (79%)

Blue (48%)

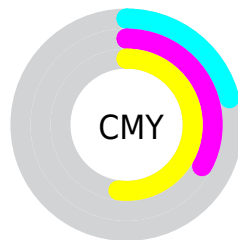


Cyan (0%)

Magenta (15%)

Yellow (39%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 201, 123 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 174, 201, 123 by changing the saturation by 10% instead.

 174, 201, 123


255, 255, 255

 224, 255, 176

 204, 255, 203

 232, 255, 232

 174, 201, 123

 145, 173, 98

 120, 146, 74

 89, 119, 50

 64, 93, 28

 33, 68, 4

 28, 44, 0

 18, 1, 0

 0, 0, 0

 174, 201, 123

 174, 201, 123

■ 168, 201, 103

■ 181, 201, 143

■ 161, 201, 83

■ 188, 201, 163

■ 154, 201, 63

■ 194, 201, 183

■ 148, 201, 43

■ 201, 202, 203

■ 141, 201, 23

■ 201, 207, 224

■ 133, 201, 2

■ 201, 213, 244

■ 130, 201, 0

■ 201, 218, 255

■ 201, 221, 255

■ 201, 224, 255

Harmonies

Analogous

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



220, 175, 135



174, 201, 123



125, 179, 129

Triad

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



174, 201, 123



95, 143, 192



200, 162, 208

Complementary

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



174, 201, 123



123, 145, 201

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.



167, 171, 224



174, 201, 123



99, 149, 215

Square

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



174, 201, 123



115, 159, 189



129, 162, 226



221, 156, 184

Rectangle

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



174, 201, 123



134, 183, 162



129, 162, 226



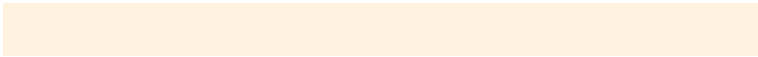
190, 165, 215

Sweetspot

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



174, 201, 123



244, 255, 224



201, 123, 154



124, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



174, 201, 123



212, 255, 135



123, 201, 131



95, 99, 90



105, 163, 0



23, 36, 0

Inverse Universe

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



123, 145, 201



135, 169, 255



131, 123, 201



90, 92, 99



0, 46, 163



0, 10, 36

Previews

White Background



This preview shows how the RYB color 174, 201, 123 looks on a white background.

Color Contrast Check

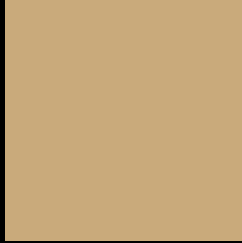
Large Text (above 18pt) WCAG AA × Fail

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 174, 201, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

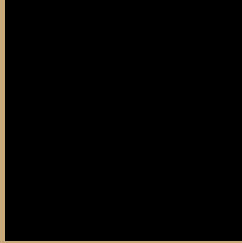
Any Text WCAG AA ✓ Pass

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 174, 201, 123 Background



This preview shows how black text looks on a background with the RYB color 174, 201, 123.



This preview shows how white text looks on a background with the RYB color 174, 201, 123.

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
174, 201, 123

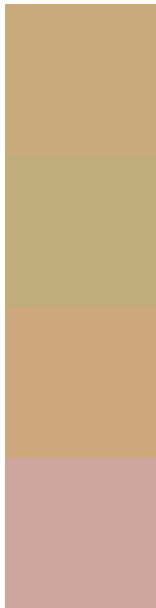
Protanopia
141, 188, 125

Deuteranopia
204, 208, 124



Tritanopia
207, 163, 176

Trichromacy



Original Color
174, 201, 123

Protanomaly
152, 193, 124

Deuteranomaly
192, 205, 124

Tritanomaly
205, 168, 157

Monochromacy



Original Color
174, 201, 123

Achromatopsia
174, 174, 174

Achromatomaly
173, 184, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 201, 123 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(201, 170, 123) looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 123)  
}
```

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(201, 170, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 123) }
```

Border

The CSS property to change the border of an element to RYB 174, 201, 123 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(201, 170, 123) }
```

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

```
.border{ border-color:rgb(201, 170, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 123);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 174, 201, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 123) }
```

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

```
.background{ background-color: rgb(201,  
170, 123) }
```

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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