

Converting Colors

`RYB(193, 214, 174)`

Have a look what the booklet for
RYB(193, 214, 174) contains.

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Color

$\text{RYB}(193, 214, 174)$

Conversions

Conversions Part 1

Format	Color
Hex	D6C9AE
RGB	214, 201, 174
RGB Percent	84%, 79%, 68%
CMY	0.1608, 0.2113, 0.3176
CMYK	0.00, 0.06, 0.19, 0.16
HSL	41°, 33%, 76%
HSV	41°, 19%, 84%
XYZ	56.2859, 59.1808, 48.5008
YIQ	201.8090, 16.4150, -5.6410

Conversions

Conversions Part 2

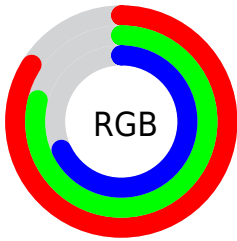
Format	Color
RYB	193, 214, 174
Decimal	14076334
CIELab	81.39, 0.09, 15.17
CIELCh	81, 15.173, 89.659
Yxy	59.1808, 0.3433, 0.3609
Android (android.graphics.Color)	4292266414 (0xFFD6C9AE)
YUV	201.8090, -13.7098, 10.6915
Hunter-Lab	76.9290, -4.0246, 16.4702

Details

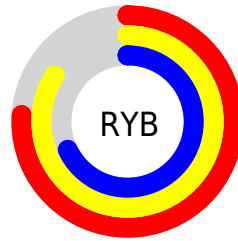
The RYB color **193, 214, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 184, 214**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **230, 255, 230**, and **140, 159, 122** is the 20% darker color. If you saturate the color by 10%, you get **183, 214, 153**, and if you desaturate by 10%, it is **204, 214, 195**.

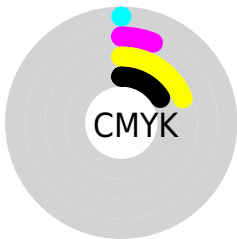
Distribution



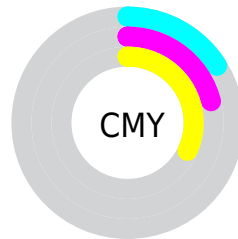
- Red (84%)
- Green (79%)
- Blue (68%)



- Red (76%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 214, 174 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 193, 214, 174 by changing the saturation by 10% instead.

■ 193, 214, 174

255, 255, 255

■ 230, 255, 230

■ 193, 214, 174

■ 164, 186, 147

■ 140, 159, 122

■ 115, 133, 97

■ 87, 107, 73

■ 64, 83, 50

■ 40, 59, 29

■ 13, 37, 4

■ 5, 8, 0

■ 0, 0, 0

 193, 214, 174

 193, 214, 174

 183, 214, 153


 204, 214, 195

 171, 214, 131

 214, 215, 217

 161, 214, 110

 214, 220, 238

 147, 214, 88


 214, 225, 255

 136, 214, 67

 214, 228, 255

 126, 214, 46

 214, 231, 255

 114, 214, 24

 214, 233, 255

 103, 214, 3

 214, 235, 255

 102, 214, 0

Harmonies

Analogous

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



226, 209, 178



193, 214, 174



177, 206, 185

Triad

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



193, 214, 174



166, 189, 216



221, 195, 217

Complementary

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



193, 214, 174



174, 184, 214

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.



205, 199, 227



193, 214, 174



172, 194, 226

Square

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



193, 214, 174



170, 193, 211



187, 199, 230



231, 193, 203

Rectangle

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



193, 214, 174



184, 208, 205



187, 199, 230



216, 196, 221

Sweetspot

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



193, 214, 174



248, 255, 240



214, 174, 187



124, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



193, 214, 174



226, 255, 199



174, 214, 181



100, 107, 96



81, 171, 0



21, 43, 0

Inverse Universe

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



174, 184, 214



199, 213, 255



181, 174, 214



96, 99, 107



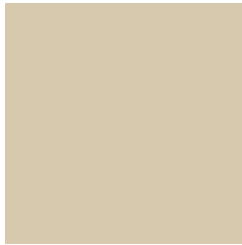
0, 42, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 193, 214, 174 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 193, 214, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

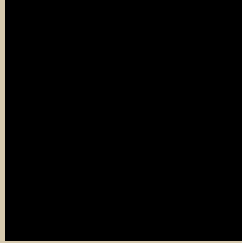
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

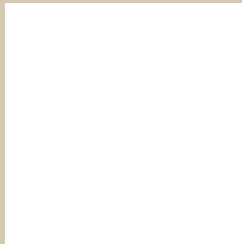
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 214, 174 Background



This preview shows how black text looks on a background with the RYB color 193, 214, 174.





This preview shows how white text looks on a background with the RYB color 193, 214, 174.

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](#).

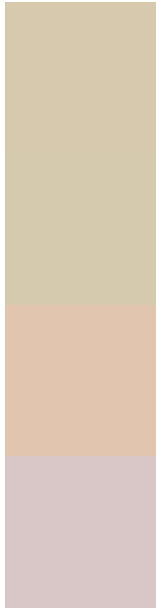
Dichromacy

	Original Color 193, 214, 174
	Protanopia 188, 212, 174
	Deuteranopia 231, 206, 175



Tritanopia
219, 196, 211

Trichromacy



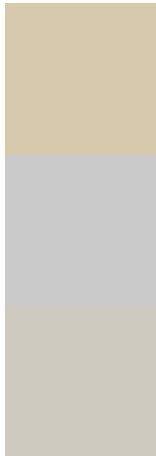
Original Color
193, 214, 174

Protanomaly
189, 213, 174

Deuteranomaly
225, 214, 175

Tritanomaly
217, 198, 198

Monochromacy



Original Color
193, 214, 174

Achromatopsia
202, 202, 202

Achromatomaly
198, 206, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 214, 174 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(214, 201, 174) looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 174)  
}
```

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(214, 201, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 174) }
```

Border

The CSS property to change the border of an element to RYB 193, 214, 174 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(214, 201, 174) }
```

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

```
.border{ border-color:rgb(214, 201, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 174);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 193, 214, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 174) }
```

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

```
.background{ background-color: rgb(214,  
201, 174) }
```

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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