

Converting Colors

`RYB(194, 212, 163)`

Have a look what the booklet for
RYB(194, 212, 163) contains.

RYB(194, 212, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(194, 212, 163)

Conversions

Conversions Part 1

Format	Color
Hex	D4C1A3
RGB	212, 193, 163
RGB Percent	83%, 76%, 64%
CMY	0.1686, 0.2431, 0.3608
CMYK	0.00, 0.09, 0.23, 0.17
HSL	37°, 36%, 74%
HSV	37°, 23%, 83%
XYZ	52.8350, 54.7868, 42.4405
YIQ	195.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

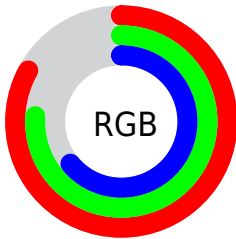
Format	Color
RYB	194, 212, 163
Decimal	13943203
CIELab	78.92, 1.99, 17.56
CIELCh	79, 17.669, 83.549
Yxy	54.7868, 0.3521, 0.3651
Android (android.graphics.Color)	4292133283 (0xFFD4C1A3)
YUV	195.2610, -15.9047, 14.6801
Hunter-Lab	74.0181, -2.1165, 17.8170

Details

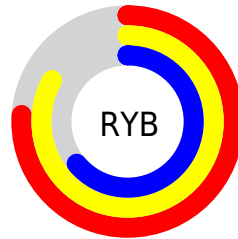
The RYB color **194, 212, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 177, 212**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **225, 255, 218**, and **138, 157, 111** is the 20% darker color. If you saturate the color by 10%, you get **186, 212, 142**, and if you desaturate by 10%, it is **202, 212, 184**.

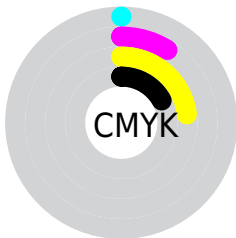
Distribution



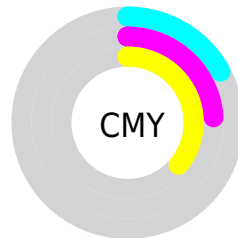
- Red (83%)
- Green (76%)
- Blue (64%)



- Red (76%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 212, 163 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 194, 212, 163 by changing the saturation by 10% instead.

 194, 212, 163


255, 255, 255

 225, 255, 218

 246, 255, 246

 194, 212, 163

 166, 184, 137

 138, 157, 111

 112, 130, 87

 86, 105, 63

 63, 80, 41

 38, 56, 20

 16, 35, 0

 0, 0, 0

 194, 212, 163


 194, 212, 163

 186, 212, 142


 202, 212, 184

 178, 212, 121


 210, 212, 205

 171, 212, 99


 212, 216, 227

 163, 212, 78

 212, 222, 248

 155, 212, 57

 212, 227, 255

 147, 212, 36

 212, 230, 255

 139, 212, 15

 212, 232, 255

 134, 212, 0

 212, 234, 255

Harmonies

Analogous

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



225, 197, 170



194, 212, 163



165, 198, 169

Triad

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



194, 212, 163



152, 179, 208



214, 187, 215

Complementary

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



194, 212, 163



163, 177, 212

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.



194, 192, 225



194, 212, 163



157, 183, 221

Square

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



194, 212, 163



160, 187, 205



173, 190, 228



226, 184, 200

Rectangle

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



194, 212, 163



171, 201, 190



173, 190, 228



208, 189, 219

Sweetspot

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



194, 212, 163



248, 255, 237



212, 163, 183



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



194, 212, 163



230, 255, 184



163, 212, 168



102, 107, 96



107, 171, 0



25, 43, 0

Inverse Universe

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



163, 177, 212



184, 204, 255



168, 163, 212



96, 99, 107



0, 48, 171



0, 12, 43

Previews

White Background



This preview shows how the RYB color 194, 212, 163 looks on a white background.

Color Contrast Check

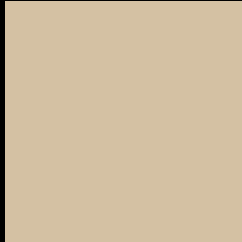
Large Text (above 18pt) WCAG AA × Fail

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 194, 212, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

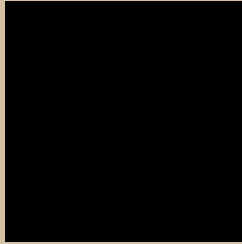
Any Text WCAG AA ✓ Pass

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 194, 212, 163 Background



This preview shows how black text looks on a background with the RYB color 194, 212, 163.



This preview shows how white text looks on a background with the RYB color 194, 212, 163.

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
194, 212, 163

Protanopia
179, 206, 164

Deuteranopia
225, 204, 164



Tritanopia
217, 187, 202

Trichromacy



Original Color

194, 212, 163

Protanomaly

185, 208, 164

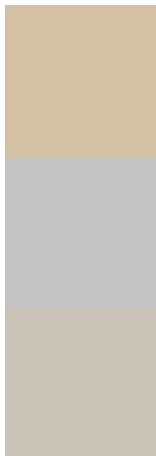
Deuteranomaly

220, 213, 164

Tritanomaly

215, 189, 188

Monochromacy



Original Color

194, 212, 163

Achromatopsia

195, 195, 195

Achromatomaly

194, 201, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 212, 163 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(212, 193, 163) looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 163)  
}
```

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(212, 193, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 163) }
```

Border

The CSS property to change the border of an element to RYB 194, 212, 163 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(212, 193, 163) }
```

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

```
.border{ border-color:rgb(212, 193, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 163);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 194, 212, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 163) }
```

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

```
.background{ background-color: rgb(212,  
193, 163) }
```

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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