

Converting Colors

`RYB(178, 202, 150)`

Have a look what the booklet for
RYB(178, 202, 150) contains.

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Color

R_YB(178, 202, 150)

Conversions

Conversions Part 1

Format	Color
Hex	CAB896
RGB	202, 184, 150
RGB Percent	79%, 72%, 59%
CMY	0.2078, 0.2792, 0.4118
CMYK	0.00, 0.09, 0.26, 0.21
HSL	39°, 33%, 69%
HSV	39°, 26%, 79%
XYZ	46.9611, 48.9565, 35.8286
YIQ	185.5060, 21.6420, -6.7580

Conversions

Conversions Part 2

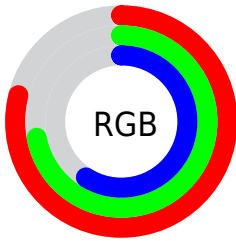
Format	Color
RYB	178, 202, 150
Decimal	13285526
CIELab	75.42, 1.21, 19.55
CIELCh	75, 19.589, 86.463
Yxy	48.9565, 0.3565, 0.3716
Android (android.graphics.Color)	4291475606 (0xFFCAB896)
YUV	185.5060, -17.5045, 14.4652
Hunter-Lab	69.9689, -2.6416, 18.6180

Details

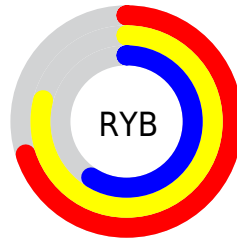
The RYB color **178, 202, 150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150, 163, 202**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **225, 255, 204**, and **123, 147, 99** is the 20% darker color. If you saturate the color by 10%, you get **168, 202, 130**, and if you desaturate by 10%, it is **187, 202, 170**.

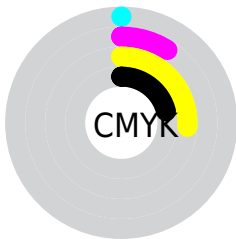
Distribution



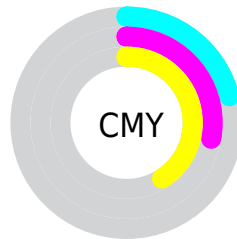
- Red (79%)
- Green (72%)
- Blue (59%)



- Red (70%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 178, 202, 150 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 178, 202, 150 by changing the saturation by 10% instead.


 178, 202, 150

 178, 202, 150


255, 255, 255

 150, 174, 124

 225, 255, 204

 123, 147, 99

 232, 255, 232

 97, 121, 75

 73, 96, 52

 47, 71, 30

 22, 48, 7

 14, 26, 0

 0, 0, 0

 178, 202, 150

 178, 202, 150

■ 168, 202, 130

■ 187, 202, 170

■ 159, 202, 110

■ 196, 202, 190

■ 149, 202, 89

■ 202, 204, 211

■ 139, 202, 69

■ 202, 209, 231

■ 132, 202, 49

■ 202, 215, 251

■ 123, 202, 29

■ 202, 219, 255

■ 114, 202, 9

■ 202, 222, 255

■ 109, 202, 0

■ 202, 224, 255

■ 202, 226, 255

Harmonies

Analogous

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



217, 190, 156



178, 202, 150



153, 190, 160

Triad

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



178, 202, 150



137, 168, 201



207, 176, 206

Complementary

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



178, 202, 150



150, 163, 202

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.



186, 182, 218



178, 202, 150



144, 173, 215

Square

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



178, 202, 150



145, 174, 196



163, 180, 221



220, 173, 189

Rectangle

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



178, 202, 150



161, 193, 185



163, 180, 221



201, 178, 211

Sweetspot

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



178, 202, 150



246, 255, 235



202, 150, 168



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



178, 202, 150



219, 255, 176



150, 202, 158



99, 102, 92



89, 166, 0



20, 38, 0

Inverse Universe

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



150, 163, 202



176, 197, 255



158, 150, 202



92, 94, 102



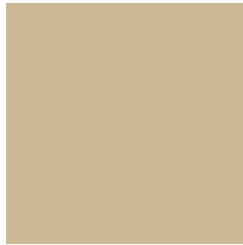
0, 43, 166



0, 10, 38

Previews

White Background



This preview shows how the RYB color 178, 202, 150 looks on a white background.

Color Contrast Check

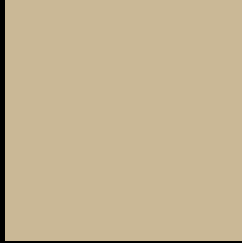
Large Text (above 18pt) WCAG AA × Fail

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 178, 202, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

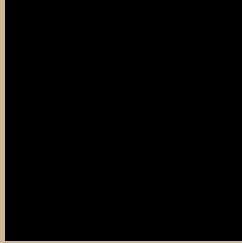
Any Text WCAG AA ✓ Pass

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 178, 202, 150 Background



This preview shows how black text looks on a background with the RYB color 178, 202, 150.



This preview shows how white text looks on a background with the RYB color 178, 202, 150.

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
178, 202, 150

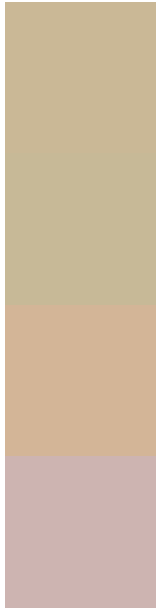
Protanopia
167, 197, 151

Deuteranopia
216, 200, 151



Tritanopia
207, 178, 192

Trichromacy



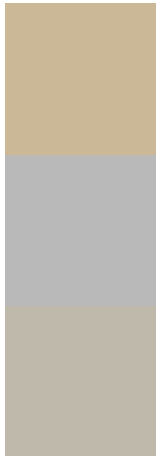
Original Color
178, 202, 150

Protanomaly
171, 199, 151

Deuteranomaly
211, 211, 151

Tritanomaly
205, 180, 177

Monochromacy



Original Color
178, 202, 150

Achromatopsia
185, 185, 185

Achromatomaly
181, 191, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 202, 150 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(202, 184, 150) looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 150)  
}
```

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(202, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 150) }
```

Border

The CSS property to change the border of an element to RYB 178, 202, 150 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(202, 184, 150) }
```

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

```
.border{ border-color:rgb(202, 184, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 184, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 178, 202, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 184, 150) }
```

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

```
.background{ background-color: rgb(202,  
184, 150) }
```

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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