

Converting Colors

`RYB(190, 196, 143)`

Have a look what the booklet for
RYB(190, 196, 143) contains.

RYB(190, 196, 143)	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(190, 196, 143)

Conversions

Conversions Part 1

Format	Color
Hex	C4AB8F
RGB	196, 171, 143
RGB Percent	77%, 67%, 56%
CMY	0.2314, 0.3291, 0.4392
CMYK	0.00, 0.13, 0.27, 0.23
HSL	32°, 31%, 66%
HSV	32°, 27%, 77%
XYZ	42.3028, 42.8788, 32.0334
YIQ	175.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

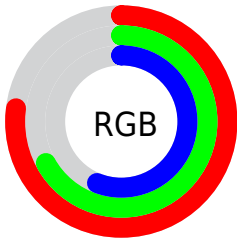
Format	Color
RYB	190, 196, 143
Decimal	12888975
CIELab	71.47, 4.71, 17.80
CIELCh	71, 18.410, 75.164
Yxy	42.8788, 0.3609, 0.3658
Android (android.graphics.Color)	4291079055 (0xFFC4AB8F)
YUV	175.2830, -15.9155, 18.1688
Hunter-Lab	65.4819, 0.7218, 16.8329

Details

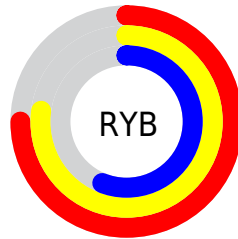
The RYB color **190, 196, 143** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **143, 160, 196**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **249, 253, 197**, and **136, 142, 93** is the 20% darker color. If you saturate the color by 10%, you get **187, 196, 123**, and if you desaturate by 10%, it is **194, 196, 163**.

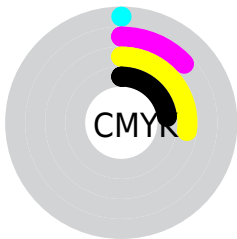
Distribution



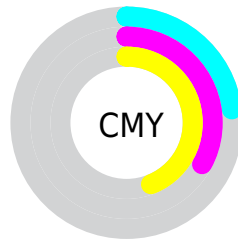
- Red (77%)
- Green (67%)
- Blue (56%)



- Red (75%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (23%)




- Cyan (23%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 196, 143 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 190, 196, 143 by changing the saturation by 10% instead.


 190, 196, 143

255, 255, 255

 249, 253, 197


 225, 255, 225

254, 255, 254

 190, 196, 143

 159, 168, 117

 136, 142, 93

 108, 115, 69

 79, 90, 46


 57, 66, 25

 28, 44, 0

 18, 1, 0

 0, 0, 0

 190, 196, 143

 190, 196, 143

■ 187, 196, 123

■ 194, 196, 163

■ 185, 196, 104

■ 193, 196, 182

■ 185, 196, 84

■ 196, 198, 202

■ 183, 196, 65

■ 196, 204, 221

■ 179, 196, 45

■ 196, 210, 241

■ 175, 196, 25

■ 196, 216, 255

■ 173, 196, 6

■ 196, 220, 255

■ 173, 196, 0

■ 196, 223, 255

■ 196, 225, 255

Harmonies

Analogous

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



207, 171, 152



190, 196, 143



145, 179, 143

Triad

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



190, 196, 143



131, 159, 185



188, 168, 199

Complementary

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



190, 196, 143



143, 160, 196

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, 173, 207



190, 196, 143



132, 161, 198

Square

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



190, 196, 143



142, 169, 184



146, 167, 207



204, 164, 184

Rectangle

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



190, 196, 143



147, 180, 161



146, 167, 207



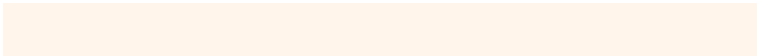
182, 170, 202

Sweetspot

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



190, 196, 143



255, 255, 235



196, 143, 169



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



190, 196, 143



244, 255, 173



143, 196, 144



97, 97, 87



144, 161, 0



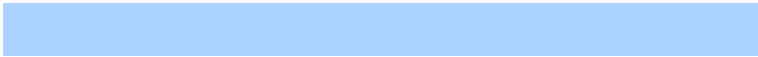
28, 33, 0

Inverse Universe

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



143, 160, 196



173, 199, 255



144, 143, 196



87, 90, 97



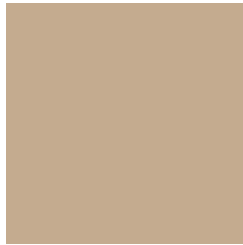
0, 52, 161



0, 11, 33

Previews

White Background



This preview shows how the RYB color 190, 196, 143 looks on a white background.

Color Contrast Check

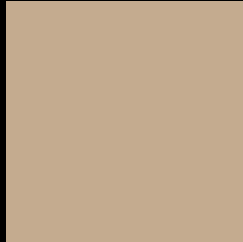
Large Text (above 18pt) WCAG AA × Fail

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 190, 196, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

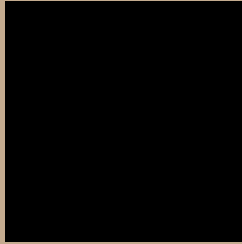
Any Text WCAG AA ✓ Pass

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 190, 196, 143 Background



This preview shows how black text looks on a background with the RYB color 190, 196, 143.



This preview shows how white text looks on a background with the RYB color 190, 196, 143.

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
190, 196, 143

Protanopia
158, 185, 145

Deuteranopia
203, 184, 144



Tritanopia
200, 166, 179

Trichromacy



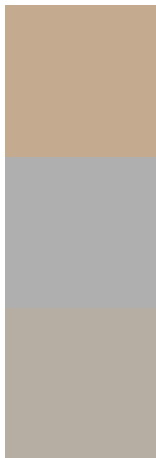
Original Color
190, 196, 143

Protanomaly
167, 189, 144

Deuteranomaly
200, 189, 144

Tritanomaly
199, 168, 166

Monochromacy



Original Color
190, 196, 143

Achromatopsia
175, 175, 175

Achromatomaly
179, 183, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 196, 143 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(196, 171, 143)` looks like.

```
.text, #text, p{  
    color:rgb(196, 171, 143)  
}
```

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(196, 171, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 171, 143) }
```

Border

The CSS property to change the border of an element to RYB 190, 196, 143 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(196, 171, 143) }
```

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

```
.border{ border-color:rgb(196, 171, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 171, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(196, 171,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 190, 196, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 171, 143) }
```

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

```
.background{ background-color: rgb(196,  
171, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor