

Converting Colors

`RYB(167, 190, 143)`

Have a look what the booklet for
RYB(167, 190, 143) contains.

RYB(167, 190, 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(167, 190, 143)

Conversions

Conversions Part 1

Format	Color
Hex	BEAE8F
RGB	190, 174, 143
RGB Percent	75%, 68%, 56%
CMY	0.2549, 0.3172, 0.4392
CMYK	0.00, 0.08, 0.25, 0.25
HSL	40°, 27%, 65%
HSV	40°, 25%, 75%
XYZ	41.3510, 43.2460, 32.1545
YIQ	175.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

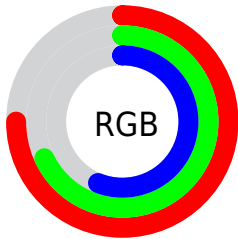
Format	Color
RYB	167, 190, 143
Decimal	12496527
CIELab	71.72, 0.76, 18.06
CIELCh	72, 18.074, 87.604
Yxy	43.2460, 0.3542, 0.3704
Android (android.graphics.Color)	4290686607 (0xFFBEAE8F)
YUV	175.2500, -15.8992, 12.9358
Hunter-Lab	65.7617, -2.8421, 17.0430

Details

The RYB color **167, 190, 143** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **143, 155, 190**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **225, 247, 197**, and **114, 136, 93** is the 20% darker color. If you saturate the color by 10%, you get **157, 190, 124**, and if you desaturate by 10%, it is **175, 190, 162**.

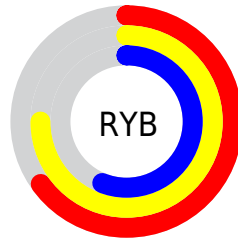
Distribution



Red (75%)

Green (68%)

Blue (56%)



Red (65%)

Yellow (75%)

Blue (56%)

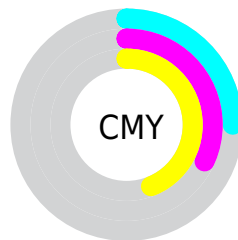


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 190, 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 167, 190, 143 by changing the saturation by 10% instead.

 167, 190, 143

255, 255, 255

 223, 247, 197


 225, 255, 225

254, 255, 254


 167, 190, 143

 139, 163, 117

 114, 136, 93

 88, 110, 69


 63, 85, 46


 41, 62, 25


 13, 40, 0

 12, 9, 0


 0, 0, 0


 167, 190, 143

 167, 190, 143


 157, 190, 124


 175, 190, 162


 149, 190, 105


 186, 190, 181

 139, 190, 86


 190, 192, 200

 131, 190, 67


 190, 197, 219

 121, 190, 48

 190, 202, 238

 110, 190, 29

 190, 207, 255

 102, 190, 10

 190, 210, 255

 97, 190, 0

 190, 213, 255

 190, 216, 255

Harmonies

Analogous

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



204, 182, 148



167, 190, 143



146, 179, 153

Triad

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



167, 190, 143



132, 160, 190



196, 167, 194

Complementary

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



167, 190, 143



143, 155, 190

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.



177, 172, 205



167, 190, 143



138, 164, 203

Square

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



167, 190, 143



138, 165, 185



155, 171, 208



208, 164, 178

Rectangle

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



167, 190, 143



153, 182, 176



155, 171, 208



190, 168, 198

Sweetspot

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



167, 190, 143



239, 247, 230



190, 143, 159



119, 125, 115



252, 252, 252



125, 125, 125

Same Dimension

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



167, 190, 143



211, 247, 173



143, 190, 150



90, 94, 85



80, 158, 0



17, 31, 0

Inverse Universe

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



143, 155, 190



173, 192, 247



150, 143, 190



85, 87, 94



0, 40, 158



0, 8, 31

Previews

White Background



This preview shows how the RYB color 167, 190, 143 looks on a white background.

Color Contrast Check

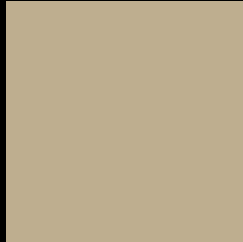
Large Text (above 18pt) WCAG AA × Fail

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 167, 190, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

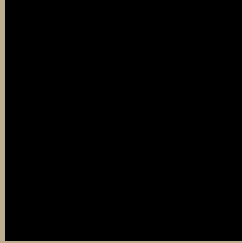
Any Text WCAG AA ✓ Pass

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 167, 190, 143 Background



This preview shows how black text looks on a background with the RYB color 167, 190, 143.



This preview shows how white text looks on a background with the RYB color 167, 190, 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

167, 190, 143

Protanopia

159, 186, 144

Deuteranopia

204, 187, 144



Tritanopia

195, 169, 182

Trichromacy



Original Color

167, 190, 143

Protanomaly

161, 187, 144

Deuteranomaly

199, 197, 144

Tritanomaly

193, 171, 168

Monochromacy



Original Color

167, 190, 143

Achromatopsia

175, 175, 175

Achromatomaly

170, 180, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 190, 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(190, 174, 143) looks like.

```
.text, #text, p{  
    color:rgb(190, 174, 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(190, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 174, 143) }
```

Border

The CSS property to change the border of an element to RYB 167, 190, 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(190, 174, 143) }
```

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

```
.border{ border-color:rgb(190, 174, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(190, 174,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 167, 190, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 174, 143) }
```

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

```
.background{ background-color: rgb(190,  
174, 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