

Converting Colors

`RYB(147, 195, 153)`

Have a look what the booklet for
RYB(147, 195, 153) contains.

RYB(147, 195, 153)	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(147, 195, 153)

Conversions

Conversions Part 1

Format	Color
Hex	BDC393
RGB	189, 195, 147
RGB Percent	74%, 76%, 58%
CMY	0.2588, 0.2353, 0.4235
CMYK	0.03, 0.00, 0.25, 0.24
HSL	67°, 29%, 67%
HSV	67°, 25%, 76%
XYZ	45.7678, 51.9556, 35.2200
YIQ	187.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

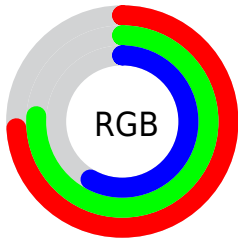
Format	Color
RYB	147, 195, 153
Decimal	12436371
CIELab	77.25, -10.06, 23.49
CIELCh	77, 25.555, 113.174
Yxy	51.9556, 0.3443, 0.3908
Android (android.graphics.Color)	4290626451 (0xFFBDC393)
YUV	187.7340, -20.0819, 1.1103
Hunter-Lab	72.0802, -12.8007, 21.4858

Details

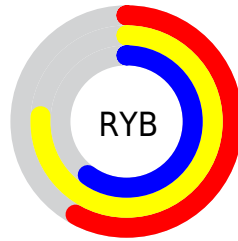
The RYB color **147, 195, 153** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **153, 147, 195**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **201, 252, 207**, and **96, 141, 102** is the 20% darker color. If you saturate the color by 10%, you get **128, 195, 136**, and if you desaturate by 10%, it is **166, 195, 170**.

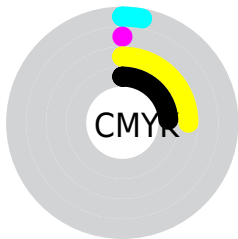
Distribution



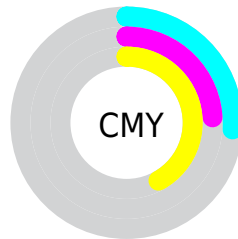
- Red (74%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)




- Cyan (26%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 195, 153 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 147, 195, 153 by changing the saturation by 10% instead.


 147, 195, 153


255, 255, 255

 201, 252, 207

 229, 255, 229

 147, 195, 153

 121, 168, 127

 96, 141, 102

 72, 116, 79


 49, 91, 55

 27, 68, 34

 3, 46, 10

 0, 26, 12

 0, 0, 0

 147, 195, 153


 147, 195, 153

 128, 195, 136

 166, 195, 170


 108, 195, 119

 186, 195, 187


 89, 195, 102


 196, 195, 206

 69, 195, 85


 199, 195, 225

 49, 195, 67


 201, 195, 244

 30, 195, 51


 204, 195, 255

 11, 195, 34

 206, 195, 255

 0, 195, 24

 208, 195, 255

 211, 195, 255

Harmonies

Analogous

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



188, 214, 144



147, 195, 153



162, 201, 201

Triad

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



147, 195, 153



130, 171, 228



234, 174, 197

Complementary

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



147, 195, 153



153, 147, 195

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.



216, 179, 219



147, 195, 153



155, 182, 237

Square

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



147, 195, 153



123, 165, 209



188, 187, 234



239, 175, 173

Rectangle

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



147, 195, 153



145, 183, 203



188, 187, 234



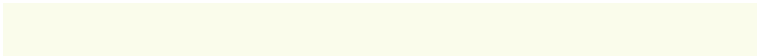
230, 175, 205

Sweetspot

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



147, 195, 153



235, 252, 237



195, 154, 147



117, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



147, 195, 153



177, 252, 186



147, 195, 177



87, 97, 88



0, 161, 20



0, 33, 4

Inverse Universe

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



153, 147, 195



186, 177, 252



177, 147, 195



88, 87, 97



20, 0, 161



4, 0, 33

Previews

White Background



This preview shows how the RYB color 147, 195, 153 looks on a white background.

Color Contrast Check

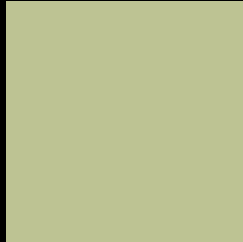
Large Text (above 18pt) WCAG AA × Fail

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 147, 195, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

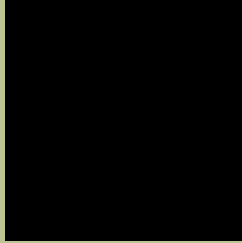
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

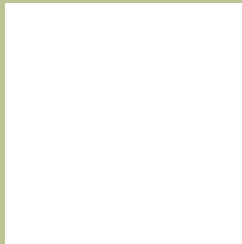
Any Text WCAG AAA ✓ Pass

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

RYB 147, 195, 153 Background



This preview shows how black text looks on a background with the RYB color 147, 195, 153.



This preview shows how white text looks on a background with the RYB color 147, 195, 153.

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
147, 195, 153

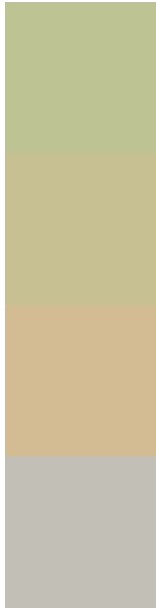
Protanopia
163, 204, 145

Deuteranopia
223, 212, 149



Tritanopia
196, 188, 202

Trichromacy



Original Color
147, 195, 153

Protanomaly
154, 199, 146

Deuteranomaly
187, 211, 148

Tritanomaly
184, 193, 182

Monochromacy



Original Color
147, 195, 153

Achromatopsia
188, 188, 188

Achromatomaly
173, 191, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 195, 153 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(189, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 147)  
}
```

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(189, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 195, 153 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(189, 195, 147) }
```

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

```
.border{ border-color:rgb(189, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 147);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 195, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 147) }
```

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

```
.background{ background-color: rgb(189,  
195, 147) }
```

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