

Converting Colors

`RYB(150, 207, 154)`

Have a look what the booklet for
RYB(150, 207, 154) contains.

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Color

R_YB(150, 207, 154)

Conversions

Conversions Part 1

Format	Color
Hex	CBCF96
RGB	203, 207, 150
RGB Percent	80%, 81%, 59%
CMY	0.2039, 0.1882, 0.4118
CMYK	0.02, 0.00, 0.28, 0.19
HSL	64°, 37%, 70%
HSV	64°, 28%, 81%
XYZ	52.4464, 59.5242, 37.5793
YIQ	199.3060, 15.9130, -18.5750

Conversions

Conversions Part 2

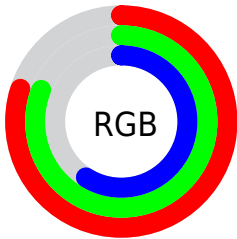
Format	Color
RYB	150, 207, 154
Decimal	13356950
CIELab	81.58, -10.49, 27.95
CIELCh	82, 29.854, 110.577
Yxy	59.5242, 0.3507, 0.3980
Android (android.graphics.Color)	4291547030 (0xFFCBCF96)
YUV	199.3060, -24.3079, 3.2396
Hunter-Lab	77.1519, -13.6748, 25.1273

Details

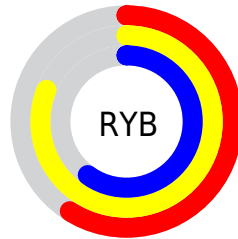
The RYB color **150, 207, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 150, 207**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **205, 255, 205**, and **99, 153, 104** is the 20% darker color. If you saturate the color by 10%, you get **129, 207, 134**, and if you desaturate by 10%, it is **171, 207, 174**.

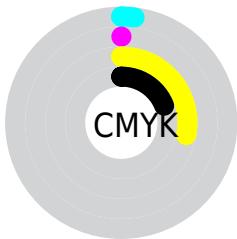
Distribution



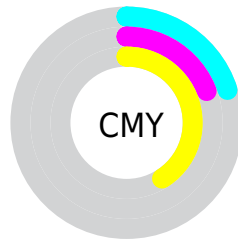
- Red (80%)
- Green (81%)
- Blue (59%)



- Red (59%)
- Yellow (81%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 207, 154 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 150, 207, 154 by changing the saturation by 10% instead.


 150, 207, 154


255, 255, 255


 205, 255, 205


 233, 255, 233

 150, 207, 154

 124, 180, 129

 99, 153, 104


 74, 127, 79

 51, 102, 56

 28, 78, 34

 5, 55, 11

 0, 34, 7

 0, 11, 11

 0, 0, 0

■ 150, 207, 154

■ 150, 207, 154

■ 129, 207, 134

■ 171, 207, 174

■ 109, 207, 116

■ 191, 207, 192

■ 88, 207, 96

■ 207, 207, 212

■ 67, 207, 77

■ 209, 207, 233

■ 47, 207, 58

■ 210, 207, 254

■ 26, 207, 39

■ 212, 207, 255

■ 5, 207, 19

■ 213, 207, 255

■ 0, 207, 15

■ 215, 207, 255

■ 216, 207, 255

Harmonies

Analogous

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



203, 231, 148



150, 207, 154



166, 214, 209

Triad

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



150, 207, 154



125, 176, 245



253, 183, 213

Complementary

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



150, 207, 154



154, 150, 207

Split Complementary

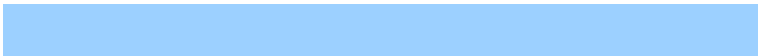
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 189, 239



150, 207, 154



156, 190, 255

Square

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



150, 207, 154



120, 170, 221



195, 199, 255



255, 183, 184

Rectangle

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



150, 207, 154



150, 195, 217



195, 199, 255



247, 185, 222

Sweetspot

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



150, 207, 154



235, 255, 236



207, 154, 150



115, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



150, 207, 154



171, 255, 177



150, 207, 182



94, 105, 95



0, 168, 12



0, 41, 3

Inverse Universe

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



154, 150, 207



177, 171, 255



182, 150, 207



95, 94, 105



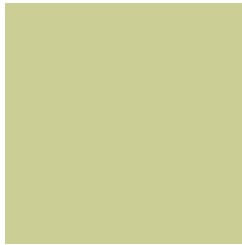
12, 0, 168



3, 0, 41

Previews

White Background



This preview shows how the RYB color 150, 207, 154 looks on a white background.

Color Contrast Check

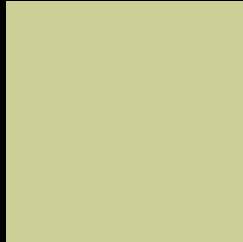
Large Text (above 18pt) WCAG AA × Fail

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 150, 207, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

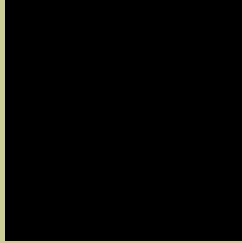
Any Text WCAG AA ✓ Pass

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 150, 207, 154 Background



This preview shows how black text looks on a background with the RYB color 150, 207, 154.



This preview shows how white text looks on a background with the RYB color 150, 207, 154.

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
150, 207, 154

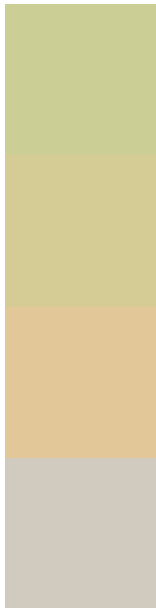
Protanopia
169, 218, 148

Deuteranopia
239, 231, 153



Tritanopia
211, 199, 214

Trichromacy



Original Color
150, 207, 154

Protanomaly
159, 213, 149

Deuteranomaly
195, 226, 152

Tritanomaly
200, 208, 191

Monochromacy



Original Color
150, 207, 154

Achromatopsia
199, 199, 199

Achromatomaly
181, 202, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 207, 154 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(203, 207, 150) looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 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(203, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 207, 154 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(203, 207, 150) }
```

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

```
.border{ border-color:rgb(203, 207, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 207, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 150) }
```

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

```
.background{ background-color: rgb(203,  
207, 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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