

Converting Colors

`RYB(149, 209, 152)`

Have a look what the booklet for
RYB(149, 209, 152) contains.

RYB(149, 209, 152)	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(149, 209, 152)

Conversions

Conversions Part 1

Format	Color
Hex	CED195
RGB	206, 209, 149
RGB Percent	81%, 82%, 58%
CMY	0.1922, 0.1804, 0.4157
CMYK	0.01, 0.00, 0.29, 0.18
HSL	63°, 39%, 70%
HSV	63°, 29%, 82%
XYZ	53.6789, 60.8927, 37.3581
YIQ	201.2630, 17.4720, -19.2960

Conversions

Conversions Part 2

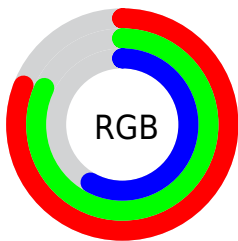
Format	Color
R_{YB}	149, 209, 152
Decimal	13554069
CIE _{Lab}	82.32, -10.50, 29.51
CIE _{LCh}	82, 31.319, 109.596
Yxy	60.8927, 0.3533, 0.4008
Android (android.graphics.Color)	4291744149 (0xFFCED195)
YUV	201.2630, -25.7657, 4.1543
Hunter-Lab	78.0338, -13.7702, 26.2390

Details

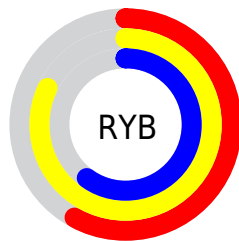
The RYB color **149, 209, 152** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152, 149, 209**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **204, 255, 204**, and **98, 155, 102** is the 20% darker color. If you saturate the color by 10%, you get **128, 209, 132**, and if you desaturate by 10%, it is **170, 209, 172**.

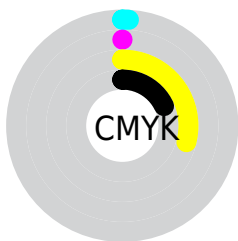
Distribution



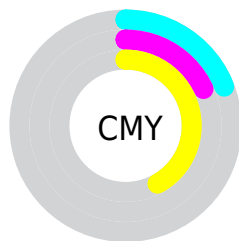
- Red (81%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 209, 152 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 149, 209, 152 by changing the saturation by 10% instead.

 149, 209, 152


255, 255, 255


 204, 255, 204


 232, 255, 232

 149, 209, 152

 123, 181, 126

 98, 155, 102


 73, 129, 77

 50, 104, 55

 27, 80, 33

 3, 57, 9

 0, 35, 7

 0, 15, 15

 0, 0, 0

 149, 209, 152

 149, 209, 152

 128, 209, 132

 170, 209, 172

 107, 209, 112

 191, 209, 192


 86, 209, 92

 209, 209, 212

 65, 209, 72

 210, 209, 233

 45, 209, 53

 211, 209, 254

 24, 209, 33

 212, 209, 255

 3, 209, 13

 213, 209, 255

 0, 209, 10

 214, 209, 255

 215, 209, 255

Harmonies

Analogous

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



208, 235, 147



149, 209, 152



166, 216, 210

Triad

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



149, 209, 152



121, 176, 249



255, 184, 216

Complementary

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



149, 209, 152



152, 149, 209

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.



232, 191, 243



149, 209, 152



153, 190, 255

Square

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



149, 209, 152



117, 169, 223



195, 200, 255



255, 184, 186

Rectangle

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



149, 209, 152



150, 198, 220



195, 200, 255



250, 186, 226

Sweetspot

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



149, 209, 152



232, 255, 233



209, 152, 149



113, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



149, 209, 152



168, 255, 172



149, 209, 181



94, 105, 95



0, 168, 8



0, 41, 2

Inverse Universe

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



152, 149, 209



173, 168, 255



182, 149, 209



95, 94, 105



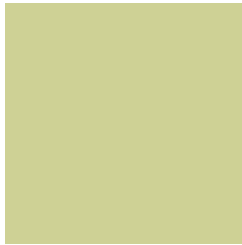
8, 0, 168



2, 0, 41

Previews

White Background



This preview shows how the RYB color 149, 209, 152 looks on a white background.

Color Contrast Check

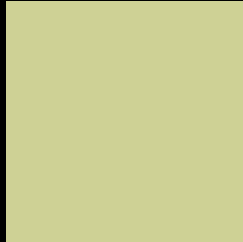
Large Text (above 18pt) WCAG AA × Fail

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 149, 209, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

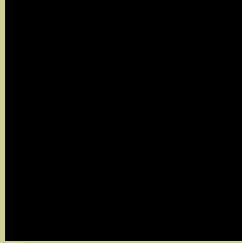
Any Text WCAG AA ✓ Pass

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 149, 209, 152 Background



This preview shows how black text looks on a background with the RYB color 149, 209, 152.



This preview shows how white text looks on a background with the RYB color 149, 209, 152.

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](#).

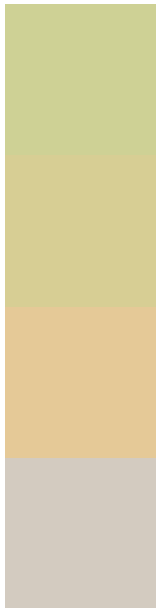
Dichromacy





Tritanopia
214, 200, 216

Trichromacy



Original Color

149, 209, 152

Protanomaly

158, 215, 148

Deuteranomaly

195, 229, 151

Tritanomaly

206, 211, 192

Monochromacy



Original Color

149, 209, 152

Achromatopsia

201, 201, 201

Achromatomaly

182, 204, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 209, 152 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(206, 209, 149) looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 149)  
}
```

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(206, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 209, 152 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(206, 209, 149) }
```

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

```
.border{ border-color:rgb(206, 209, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 149);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 209, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 149) }
```

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

```
.background{ background-color: rgb(206,  
209, 149) }
```

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