

Converting Colors

`RYB(155, 212, 168)`

Have a look what the booklet for
RYB(155, 212, 168) contains.

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Color

`RYB(155, 212, 168)`

Conversions

Conversions Part 1

Format	Color
Hex	C7D49B
RGB	199, 212, 155
RGB Percent	78%, 83%, 61%
CMY	0.2196, 0.1686, 0.3922
CMYK	0.06, 0.00, 0.27, 0.17
HSL	74°, 40%, 72%
HSV	74°, 27%, 83%
XYZ	53.0131, 61.5956, 40.1054
YIQ	201.6150, 10.5490, -20.4830

Conversions

Conversions Part 2

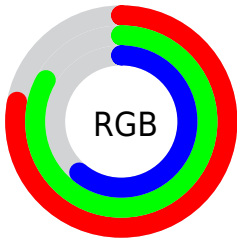
Format	Color
RYB	155, 212, 168
Decimal	13096091
CIELab	82.70, -13.84, 26.80
CIElCh	83, 30.168, 117.317
Yxy	61.5956, 0.3427, 0.3981
Android (android.graphics.Color)	4291286171 (0xFFC7D49B)
YUV	201.6150, -22.9812, -2.2934
Hunter-Lab	78.4829, -16.7731, 24.6403

Details

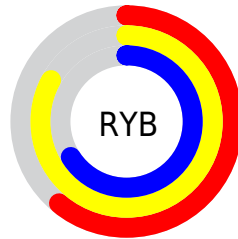
The RYB color **155, 212, 168** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **168, 155, 212**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **210, 255, 210**, and **103, 157, 115** is the 20% darker color. If you saturate the color by 10%, you get **134, 212, 152**, and if you desaturate by 10%, it is **176, 212, 184**.

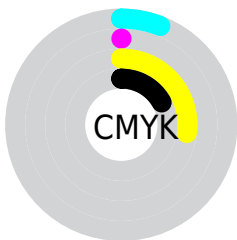
Distribution



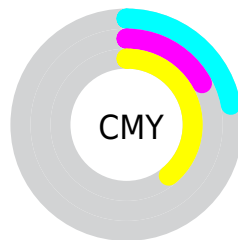
- Red (78%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 212, 168 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 155, 212, 168 by changing the saturation by 10% instead.


 155, 212, 168

255, 255, 255


 210, 255, 210

 238, 255, 238

 155, 212, 168


 129, 184, 142

 103, 157, 115

 79, 131, 92

 55, 106, 68

 33, 82, 46

 10, 59, 23

 0, 37, 13

 0, 17, 17

 0, 0, 0

 155, 212, 168

 155, 212, 168

 134, 212, 152

 176, 212, 184

 113, 212, 136

 197, 212, 200

 91, 212, 119

 214, 212, 219

 70, 212, 102

 218, 212, 240

 49, 212, 86

 223, 212, 255

 28, 212, 70

 228, 212, 255

 7, 212, 54

 233, 212, 255

 0, 212, 48

 238, 212, 255

 243, 212, 255

Harmonies

Analogous

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



188, 229, 149



155, 212, 168



166, 211, 218

Triad

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



155, 212, 168



133, 182, 253



255, 185, 210

Complementary

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



155, 212, 168



168, 155, 212

Split Complementary

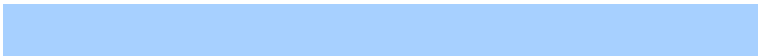
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 190, 237



155, 212, 168



167, 195, 255

Square

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



155, 212, 168



121, 173, 231



207, 199, 255



255, 188, 181

Rectangle

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



155, 212, 168



146, 192, 221



207, 199, 255



255, 186, 219

Sweetspot

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



155, 212, 168



235, 255, 240



212, 170, 155



115, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



155, 212, 168



173, 255, 192



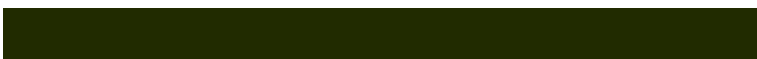
155, 212, 196



96, 107, 98



0, 171, 39



0, 43, 10

Inverse Universe

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



168, 155, 212



192, 173, 255



196, 155, 212



99, 96, 107



39, 0, 171



10, 0, 43

Previews

White Background



This preview shows how the RYB color 155, 212, 168 looks on a white background.

Color Contrast Check

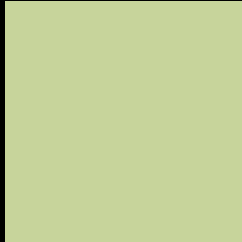
Large Text (above 18pt) WCAG AA × Fail

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 155, 212, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

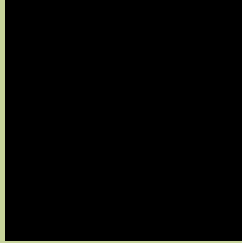
Any Text WCAG AA ✓ Pass

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 155, 212, 168 Background



This preview shows how black text looks on a background with the RYB color 155, 212, 168.



This preview shows how white text looks on a background with the RYB color 155, 212, 168.

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
155, 212, 168

Protanopia
173, 221, 152

Deuteranopia
241, 232, 158



Tritanopia
208, 204, 220

Trichromacy



Original Color
155, 212, 168

Protanomaly
158, 213, 153

Deuteranomaly
194, 226, 157

Tritanomaly
196, 207, 198

Monochromacy



Original Color
155, 212, 168

Achromatopsia
202, 202, 202

Achromatomaly
185, 206, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 212, 168 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(199, 212, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 155)  
}
```

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(199, 212, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 212, 168 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(199, 212, 155) }
```

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

```
.border{ border-color:rgb(199, 212, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 212, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 155) }
```

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

```
.background{ background-color: rgb(199,  
212, 155) }
```

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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