

Converting Colors

`RYB(155, 212, 159)`

Have a look what the booklet for
RYB(155, 212, 159) contains.

RYB(155, 212, 159)	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(155, 212, 159)

Conversions

Conversions Part 1

Format	Color
Hex	D0D49B
RGB	208, 212, 155
RGB Percent	82%, 83%, 61%
CMY	0.1843, 0.1686, 0.3922
CMYK	0.02, 0.00, 0.27, 0.17
HSL	64°, 40%, 72%
HSV	64°, 27%, 83%
XYZ	55.4723, 62.8634, 40.2205
YIQ	204.3060, 15.9130, -18.5750

Conversions

Conversions Part 2

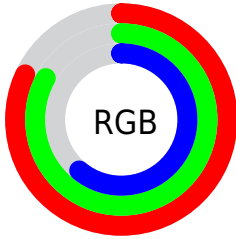
Format	Color
RYB	155, 212, 159
Decimal	13685915
CIELab	83.37, -10.48, 27.83
CIELCh	83, 29.732, 110.629
Yxy	62.8634, 0.3499, 0.3965
Android (android.graphics.Color)	4291875995 (0xFFD0D49B)
YUV	204.3060, -24.3079, 3.2396
Hunter-Lab	79.2865, -13.8648, 25.4238

Details

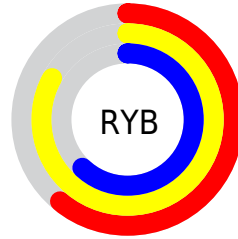
The RYB color **155, 212, 159** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **159, 155, 212**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **210, 255, 210**, and **103, 157, 107** is the 20% darker color. If you saturate the color by 10%, you get **134, 212, 139**, and if you desaturate by 10%, it is **176, 212, 179**.

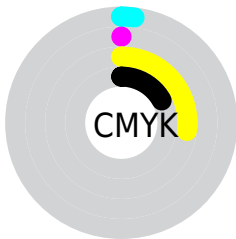
Distribution



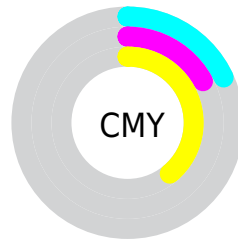
- Red (82%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 212, 159 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, 159 by changing the saturation by 10% instead.

 155, 212, 159

255, 255, 255


 210, 255, 210

 238, 255, 238

 155, 212, 159

 129, 184, 133

 103, 157, 107


 79, 131, 83

 55, 106, 60

 33, 82, 39

 10, 59, 16

 0, 37, 6

 0, 18, 18

 0, 0, 0

 155, 212, 159

 155, 212, 159

 134, 212, 139

 176, 212, 179

 113, 212, 120

 197, 212, 198

 91, 212, 99

 212, 212, 219

 70, 212, 80

 214, 212, 240

 49, 212, 60

 215, 212, 255

 28, 212, 41


 217, 212, 255

 7, 212, 21

 218, 212, 255

 0, 212, 15

 220, 212, 255

 221, 212, 255

Harmonies

Analogous

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



208, 236, 153



155, 212, 159



171, 219, 214

Triad

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



155, 212, 159



131, 182, 250



255, 188, 218

Complementary

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



155, 212, 159



159, 155, 212

Split Complementary

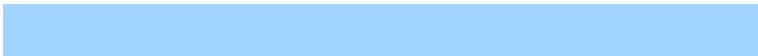
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 194, 243



155, 212, 159



161, 194, 255

Square

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



155, 212, 159



126, 175, 226



200, 204, 255



255, 188, 189

Rectangle

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



155, 212, 159



155, 200, 222



200, 204, 255



252, 190, 227

Sweetspot

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



155, 212, 159



235, 255, 236



212, 159, 155



115, 128, 116



0, 0, 0



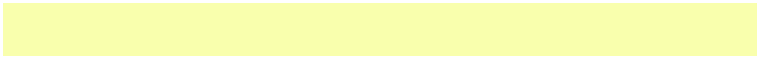
128, 128, 128

Same Dimension

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



155, 212, 159



173, 255, 179



155, 212, 187



96, 107, 97



0, 171, 12



0, 43, 3

Inverse Universe

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



159, 155, 212



179, 173, 255



187, 155, 212



97, 96, 107



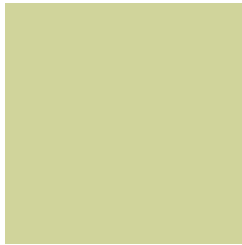
12, 0, 171



3, 0, 43

Previews

White Background



This preview shows how the RYB color 155, 212, 159 looks on a white background.

Color Contrast Check

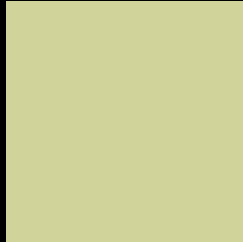
Large Text (above 18pt) WCAG AA × Fail

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, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

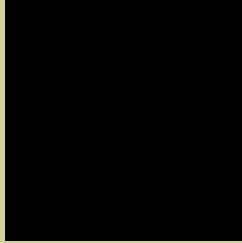
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

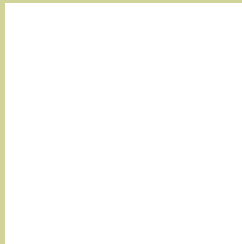
Any Text WCAG AAA ✓ Pass

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

RYB 155, 212, 159 Background



This preview shows how black text looks on a background with the RYB color 155, 212, 159.



This preview shows how white text looks on a background with the RYB color 155, 212, 159.

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, 159

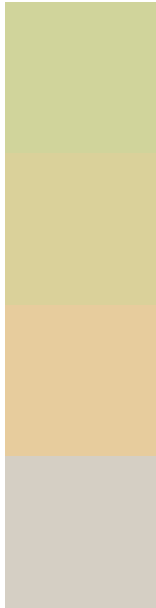
Protanopia
174, 223, 153

Deuteranopia
244, 236, 158



Tritanopia
216, 204, 220

Trichromacy



Original Color
155, 212, 159

Protanomaly
164, 218, 154

Deuteranomaly
200, 231, 157

Tritanomaly
205, 213, 196

Monochromacy



Original Color
155, 212, 159

Achromatopsia
204, 204, 204

Achromatomaly
186, 207, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 212, 159 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(208, 212, 155)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 212, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 212, 159 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(208, 212, 155) }
```

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

```
.border{ border-color:rgb(208, 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(208, 212, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 155);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 212, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 155) }
```

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

```
.background{ background-color: rgb(208,  
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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