

Converting Colors

`RYB(149, 195, 160)`

Have a look what the booklet for RYB(149, 195, 160) contains.

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Color

$\text{RYB}(149, 195, 160)$

Conversions

Conversions Part 1

Format	Color
Hex	B8C395
RGB	184, 195, 149
RGB Percent	72%, 76%, 58%
CMY	0.2784, 0.2353, 0.4157
CMYK	0.06, 0.00, 0.24, 0.24
HSL	74°, 28%, 67%
HSV	74°, 24%, 76%
XYZ	44.7071, 51.3905, 35.9968
YIQ	186.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

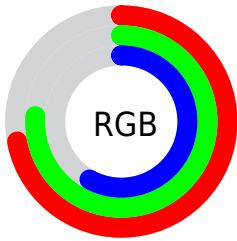
Format	Color
RYB	149, 195, 160
Decimal	12108693
CIELab	76.91, -11.64, 21.91
CIELCh	77, 24.809, 117.995
Yxy	51.3905, 0.3384, 0.3890
Android (android.graphics.Color)	4290298773 (0xFFB8C395)
YUV	186.4670, -18.4712, -2.1636
Hunter-Lab	71.6872, -14.1325, 20.4093

Details

The RYB color **149, 195, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 149, 195**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **203, 252, 215**, and **98, 141, 108** is the 20% darker color. If you saturate the color by 10%, you get **130, 195, 146**, and if you desaturate by 10%, it is **169, 195, 175**.

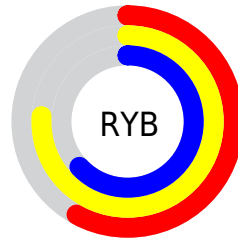
Distribution



Red (72%)

Green (76%)

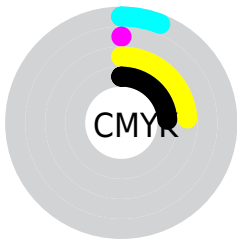
Blue (58%)



Red (58%)

Yellow (76%)

Blue (63%)

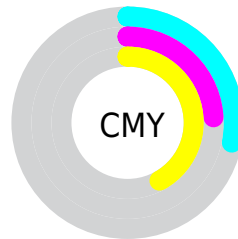


Cyan (6%)

Magenta (0%)

Yellow (24%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 195, 160 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, 195, 160 by changing the saturation by 10% instead.


 149, 195, 160

255, 255, 255


 203, 252, 215


 232, 255, 232

 149, 195, 160

 123, 168, 134

 98, 141, 108

 74, 116, 85

 51, 91, 61

 29, 68, 40

 5, 46, 16

 0, 26, 17


 0, 0, 0


 149, 195, 160


 149, 195, 160

 130, 195, 146


 169, 195, 175

 110, 195, 130


 188, 195, 190

 91, 195, 116


 198, 195, 207

 71, 195, 101

 203, 195, 227

 52, 195, 86

 207, 195, 247


 32, 195, 71

 212, 195, 255

 13, 195, 57

 217, 195, 255

 0, 195, 47

 221, 195, 255

 226, 195, 255

Harmonies

Analogous

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



175, 209, 144



149, 195, 160



158, 194, 200

Triad

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



149, 195, 160



134, 172, 228



234, 174, 192

Complementary

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



149, 195, 160



160, 149, 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.



218, 177, 215



149, 195, 160



160, 182, 235

Square

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



149, 195, 160



124, 165, 211



192, 185, 230



237, 176, 169

Rectangle

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



149, 195, 160



142, 179, 202



192, 185, 230



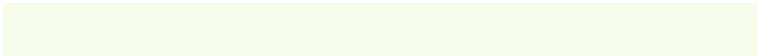
230, 174, 200

Sweetspot

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



149, 195, 160



235, 252, 239



195, 163, 149



117, 128, 120



0, 0, 0



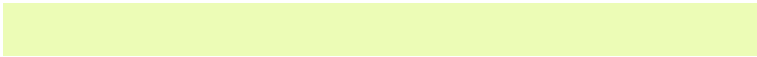
128, 128, 128

Same Dimension

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



149, 195, 160



182, 252, 198



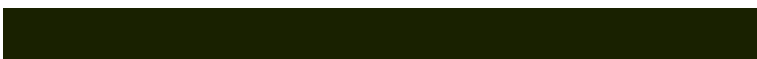
149, 195, 183



87, 97, 89



0, 161, 39



0, 33, 8

Inverse Universe

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



160, 149, 195



199, 182, 252



183, 149, 195



90, 87, 97



38, 0, 161



8, 0, 33

Previews

White Background



This preview shows how the RYB color 149, 195, 160 looks on a white background.

Color Contrast Check

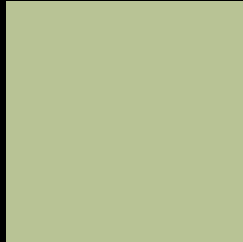
Large Text (above 18pt) WCAG AA × Fail

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, 195, 160 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, 195, 160 Background



This preview shows how black text looks on a background with the RYB color 149, 195, 160.



This preview shows how white text looks on a background with the RYB color 149, 195, 160.

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
149, 195, 160

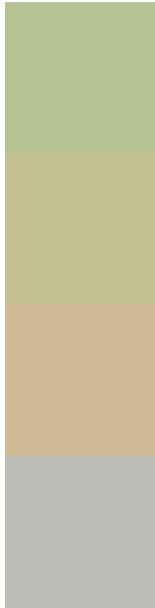
Protanopia
163, 202, 146

Deuteranopia
221, 205, 152



Tritanopia
191, 188, 203

Trichromacy



Original Color
149, 195, 160

Protanomaly
151, 195, 147

Deuteranomaly
184, 208, 151

Tritanomaly
183, 191, 186

Monochromacy



Original Color
149, 195, 160

Achromatopsia
186, 186, 186

Achromatomaly
173, 189, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 195, 160 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(184, 195, 149)` looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 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(184, 195, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 195, 160 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(184, 195, 149) }
```

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

```
.border{ border-color:rgb(184, 195, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 195, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 149);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 195, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 195, 149) }
```

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

```
.background{ background-color: rgb(184,  
195, 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](#).

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