

Converting Colors

`RYB(140, 193, 169)`

Have a look what the booklet for
RYB(140, 193, 169) contains.

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Color

$\text{RYB}(140, 193, 169)$

Conversions

Conversions Part 1

Format	Color
Hex	A4C18C
RGB	164, 193, 140
RGB Percent	64%, 76%, 55%
CMY	0.3569, 0.2431, 0.4510
CMYK	0.15, 0.00, 0.27, 0.24
HSL	93°, 30%, 65%
HSV	93°, 27%, 76%
XYZ	39.1134, 47.9259, 32.0001
YIQ	178.2870, -0.2710, -22.6310

Conversions

Conversions Part 2

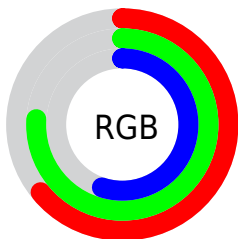
Format	Color
RYB	140, 193, 169
Decimal	10797452
CIELab	74.78, -19.38, 23.54
CIELCh	75, 30.493, 129.461
Yxy	47.9259, 0.3286, 0.4026
Android (android.graphics.Color)	4288987532 (0xFFA4C18C)
YUV	178.2870, -18.8755, -12.5297
Hunter-Lab	69.2285, -20.2992, 21.0539

Details

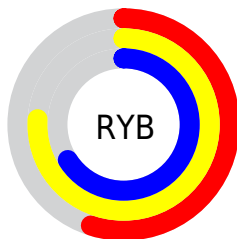
The RYB color **140, 193, 169** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **169, 140, 193**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **194, 250, 225**, and **89, 139, 116** is the 20% darker color. If you saturate the color by 10%, you get **121, 193, 161**, and if you desaturate by 10%, it is **159, 193, 177**.

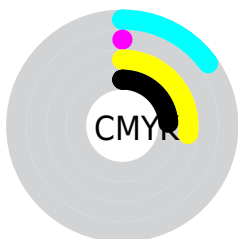
Distribution



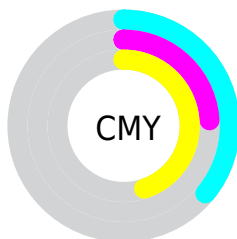
- Red (64%)
- Green (76%)
- Blue (55%)



- Red (55%)
- Yellow (76%)
- Blue (66%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 193, 169 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 140, 193, 169 by changing the saturation by 10% instead.


 140, 193, 169


255, 255, 255


 194, 250, 225


 222, 255, 229

 251, 255, 251


 140, 193, 169

 114, 166, 143

 89, 139, 116

 66, 114, 93

 43, 89, 70

 21, 66, 48


 0, 43, 24

 0, 25, 25


 0, 0, 0

 140, 193, 169


 140, 193, 169

 121, 193, 161


 159, 193, 177

 101, 193, 151


 179, 193, 187

 82, 193, 143


 196, 193, 198

 63, 193, 134

 206, 193, 217

 44, 193, 126

 217, 193, 237

 24, 193, 116

 227, 193, 255

 5, 193, 108

 238, 193, 255

 0, 193, 106

 248, 193, 255

 255, 193, 255

Harmonies

Analogous

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



140, 195, 128



140, 193, 169



132, 177, 198

Triad

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



140, 193, 169



121, 165, 236



240, 163, 176

Complementary

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



140, 193, 169



169, 140, 193

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.



227, 166, 204



140, 193, 169



161, 179, 239

Square

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



140, 193, 169



97, 152, 219



199, 174, 227



237, 171, 150

Rectangle

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



140, 193, 169



112, 161, 200



199, 174, 227



237, 163, 186

Sweetspot

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



140, 193, 169



230, 250, 241



187, 193, 140



112, 125, 119



252, 252, 252



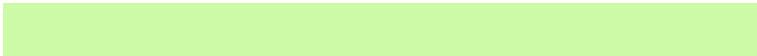
125, 125, 125

Same Dimension

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



140, 193, 169



167, 250, 212



140, 191, 193



87, 97, 92



0, 161, 88



0, 33, 18

Inverse Universe

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



169, 140, 193



213, 167, 250



193, 140, 191



93, 87, 97



88, 0, 161



18, 0, 33

Previews

White Background



This preview shows how the RYB color 140, 193, 169 looks on a white background.

Color Contrast Check

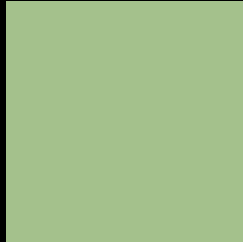
Large Text (above 18pt) WCAG AA × Fail

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 140, 193, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

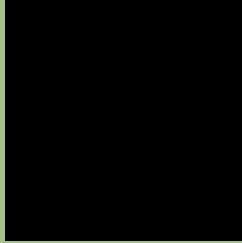
Any Text WCAG AA ✓ Pass

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 140, 193, 169 Background



This preview shows how black text looks on a background with the RYB color 140, 193, 169.

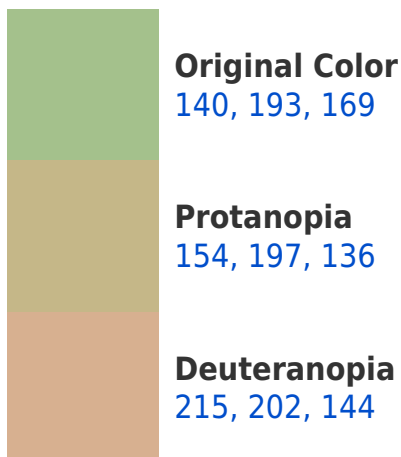


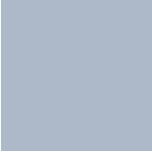
This preview shows how white text looks on a background with the RYB color 140, 193, 169.

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](#).

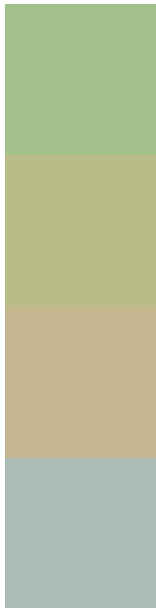
Dichromacy





Tritanopia
173, 181, 200

Trichromacy



Original Color
140, 193, 169

Protanomaly
137, 187, 139

Deuteranomaly
162, 196, 143

Tritanomaly
170, 182, 188

Monochromacy



Original Color
140, 193, 169

Achromatopsia
178, 178, 178

Achromatomaly
164, 183, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 193, 169 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(164, 193, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 140)  
}
```

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(164, 193, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 193, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

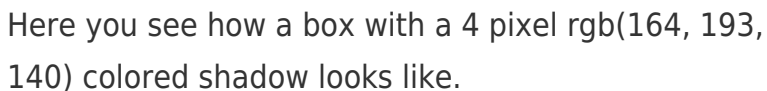
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 193, 140) }
```

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

```
.border{ border-color:rgb(164, 193, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 193, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 193, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 140) }
```

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

```
.background{ background-color: rgb(164,  
193, 140) }
```

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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