

Converting Colors

`RYB(154, 202, 191)`

Have a look what the booklet for
RYB(154, 202, 191) contains.

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Color

R_YB(154, 202, 191)

Conversions

Conversions Part 1

Format	Color
Hex	A5CA9A
RGB	165, 202, 154
RGB Percent	65%, 79%, 60%
CMY	0.3529, 0.2078, 0.3961
CMYK	0.18, 0.00, 0.24, 0.21
HSL	106°, 31%, 70%
HSV	106°, 24%, 79%
XYZ	42.4703, 52.5735, 38.4811
YIQ	185.4650, -6.6440, -22.7720

Conversions

Conversions Part 2

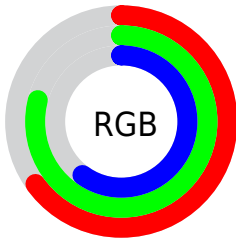
Format	Color
RYB	154, 202, 191
Decimal	10865306
CIELab	77.62, -21.29, 20.01
CIELCh	78, 29.222, 136.769
Yxy	52.5735, 0.3181, 0.3937
Android (android.graphics.Color)	4289055386 (0xFFA5CA9A)
YUV	185.4650, -15.5122, -17.9478
Hunter-Lab	72.5076, -22.3343, 19.2890

Details

The RYB color **154, 202, 191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191, 154, 202**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **209, 255, 243**, and **103, 148, 139** is the 20% darker color. If you saturate the color by 10%, you get **134, 202, 187**, and if you desaturate by 10%, it is **174, 202, 195**.

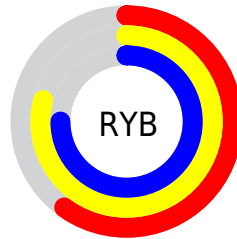
Distribution



Red (65%)

Green (79%)

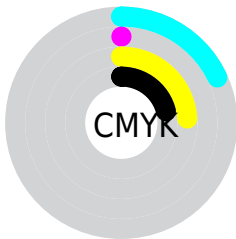
Blue (60%)



Red (60%)

Yellow (79%)

Blue (75%)

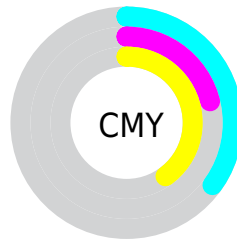


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (21%)



Cyan (35%)

Magenta (21%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 202, 191 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 154, 202, 191 by changing the saturation by 10% instead.


 154, 202, 191


255, 255, 255


 209, 255, 243

 237, 255, 243

 154, 202, 191


 128, 175, 165

 103, 148, 139

 78, 122, 113

 55, 97, 89

 33, 73, 66

 11, 50, 44

 0, 30, 30

 0, 0, 0

 154, 202, 191

 154, 202, 191

 134, 202, 187

 174, 202, 195

 114, 202, 182

 194, 202, 200

 93, 202, 177

 212, 202, 215

 73, 202, 172

 227, 202, 235

 53, 202, 168

 243, 202, 255

 33, 202, 163

 255, 202, 255

 13, 202, 159

 0, 202, 156

Harmonies

Analogous

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



141, 196, 140



154, 202, 191



135, 179, 206

Triad

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



154, 202, 191



141, 178, 244



247, 172, 177

Complementary

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



154, 202, 191



191, 154, 202

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.



238, 173, 205



154, 202, 191



180, 188, 243

Square

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



154, 202, 191



114, 165, 230



214, 180, 229



241, 186, 153

Rectangle

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



154, 202, 191



118, 165, 207



214, 180, 229



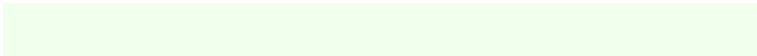
246, 172, 187

Sweetspot

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



154, 202, 191



237, 255, 251



168, 202, 154



117, 128, 125



0, 0, 0



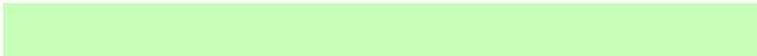
128, 128, 128

Same Dimension

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



154, 202, 191



181, 255, 238



154, 192, 202



92, 102, 100



0, 166, 128



0, 38, 29

Inverse Universe

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



191, 154, 202



238, 181, 255



202, 154, 189



100, 92, 102



128, 0, 166



29, 0, 38

Previews

White Background



This preview shows how the RYB color 154, 202, 191 looks on a white background.

Color Contrast Check

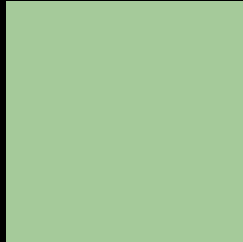
Large Text (above 18pt) WCAG AA × Fail

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 154, 202, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

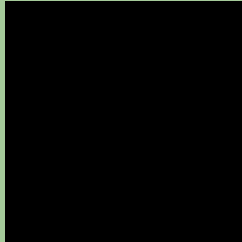
Any Text WCAG AA ✓ Pass

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 154, 202, 191 Background



This preview shows how black text looks on a background with the RYB color 154, 202, 191.

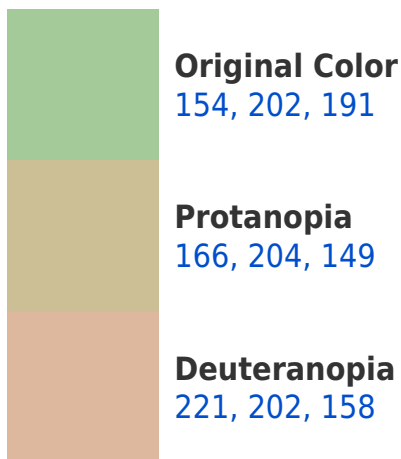


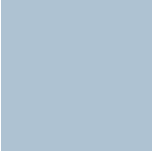
This preview shows how white text looks on a background with the RYB color 154, 202, 191.

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
174, 187, 210

Trichromacy



Original Color
154, 202, 191

Protanomaly
151, 195, 156

Deuteranomaly
170, 201, 157

Tritanomaly
171, 187, 198

Monochromacy



Original Color
154, 202, 191

Achromatopsia
185, 185, 185

Achromatomaly
174, 191, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 202, 191 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(165, 202, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 202, 154)  
}
```

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(165, 202, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 202, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 202, 191 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(165, 202, 154) }
```

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

```
.border{ border-color:rgb(165, 202, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 202, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 202, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 202, 154); box-shadow:4px 4px 4px 4px rgb(165, 202, 154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 202, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 202, 154) }
```

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

```
.background{ background-color: rgb(165,  
202, 154) }
```

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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