

Converting Colors

`RYB(154, 214, 201)`

Have a look what the booklet for
RYB(154, 214, 201) contains.

RYB(154, 214, 201)	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

$\text{RYB}(154, 214, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	A7D69A
RGB	167, 214, 154
RGB Percent	65%, 84%, 60%
CMY	0.3451, 0.1608, 0.3961
CMYK	0.22, 0.00, 0.28, 0.16
HSL	107°, 42%, 72%
HSV	107°, 28%, 84%
XYZ	45.8157, 58.6417, 39.4761
YIQ	193.1070, -8.7520, -28.6240

Conversions

Conversions Part 2

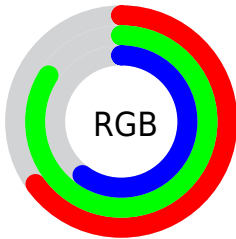
Format	Color
RYB	154, 214, 201
Decimal	10999450
CIELab	81.09, -26.47, 24.79
CIElCh	81, 36.268, 136.876
Yxy	58.6417, 0.3183, 0.4074
Android (android.graphics.Color)	4289189530 (0xFFA7D69A)
YUV	193.1070, -19.2798, -22.8958
Hunter-Lab	76.5779, -27.2168, 23.0404

Details

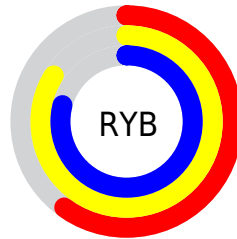
The RYB color **154, 214, 201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 154, 214**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **209, 255, 241**, and **102, 159, 147** is the 20% darker color. If you saturate the color by 10%, you get **133, 214, 197**, and if you desaturate by 10%, it is **175, 214, 205**.

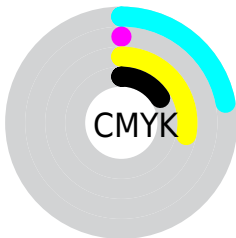
Distribution



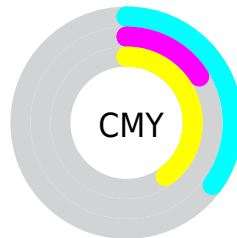
- Red (65%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (84%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 214, 201 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, 214, 201 by changing the saturation by 10% instead.


 154, 214, 201

255, 255, 255


 209, 255, 241

 237, 255, 240

 154, 214, 201

 128, 186, 174


 102, 159, 147

 78, 133, 123

 55, 107, 98

 32, 83, 76

 10, 59, 55

 0, 37, 37

 0, 7, 7

 0, 0, 0

 154, 214, 201

 154, 214, 201

 133, 214, 197

 175, 214, 205

 111, 214, 192

 197, 214, 210


 90, 214, 187

 217, 214, 218

 68, 214, 182

 234, 214, 240


 47, 214, 178

 251, 214, 255

 26, 214, 174

 255, 214, 255

 4, 214, 168

 0, 214, 168

Harmonies

Analogous

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



136, 205, 136



154, 214, 201



127, 183, 219

Triad

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



154, 214, 201



133, 180, 255



255, 176, 183

Complementary

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



154, 214, 201



201, 154, 214

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.



255, 177, 218



154, 214, 201



185, 196, 255

Square

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



154, 214, 201



92, 162, 250



230, 186, 248



255, 196, 153

Rectangle

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



154, 214, 201



102, 164, 220



230, 186, 248



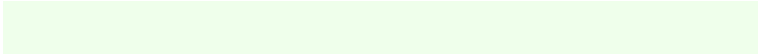
255, 176, 195

Sweetspot

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



154, 214, 201



235, 255, 251



171, 214, 154



115, 128, 125



0, 0, 0



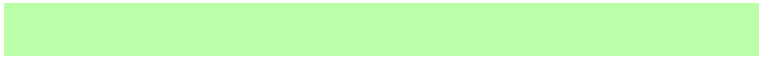
128, 128, 128

Same Dimension

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



154, 214, 201



168, 255, 236



154, 201, 214



96, 107, 104



0, 171, 134



0, 43, 34

Inverse Universe

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



201, 154, 214



236, 168, 255



214, 154, 197



105, 96, 107



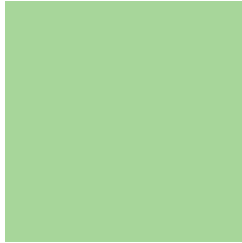
134, 0, 171



34, 0, 43

Previews

White Background



This preview shows how the RYB color 154, 214, 201 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, 214, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

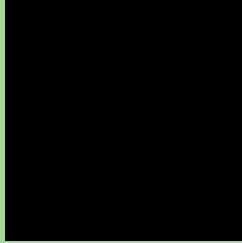
Any Text WCAG AA ✓ Pass

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, 214, 201 Background



This preview shows how black text looks on a background with the RYB color 154, 214, 201.

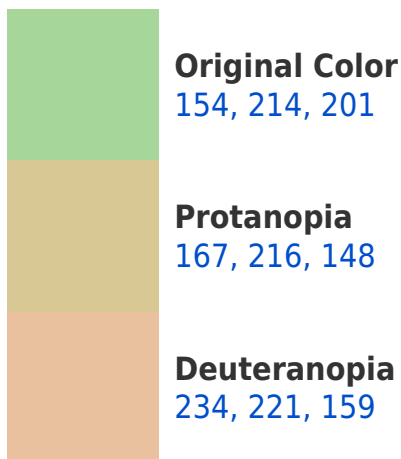


This preview shows how white text looks on a background with the RYB color 154, 214, 201.

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
178, 195, 222

Trichromacy



Original Color

154, 214, 201



Protanomaly

150, 206, 158



Deuteranomaly

168, 210, 157



Tritanomaly

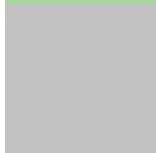
174, 194, 208

Monochromacy



Original Color

154, 214, 201



Achromatopsia

193, 193, 193



Achromatomaly

179, 201, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 214, 201 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(167, 214, 154)` looks like.

```
.text, #text, p{  
    color:rgb(167, 214, 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(167, 214, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 214, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 214, 201 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(167, 214, 154) }
```

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

```
.border{ border-color:rgb(167, 214, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 214, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 214, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 214, 154); box-shadow:4px 4px 4px 4px rgb(167, 214, 154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 214, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 214, 154) }
```

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

```
.background{ background-color: rgb(167,  
214, 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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