

Converting Colors

`RYB(150, 198, 186)`

Have a look what the booklet for
RYB(150, 198, 186) contains.

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Color

$\text{RYB}(150, 198, 186)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A2C696 |
| RGB | 162, 198, 150 |
| RGB Percent | 64%, 78%, 59% |
| CMY | 0.3647, 0.2235, 0.4118 |
| CMYK | 0.18, 0.00, 0.24, 0.22 |
| HSL | 105°, 30%, 68% |
| HSV | 105°, 24%, 78% |
| XYZ | 40.5994, 50.2716, 36.4177 |
| YIQ | 181.7640, -6.0480, -22.5600 |

Conversions

Conversions Part 2

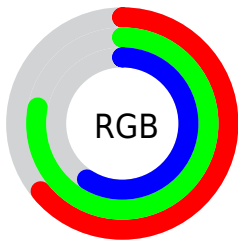
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 150, 198, 186 |
| Decimal | 10667670 |
| CIELab | 76.24, -21.01, 20.20 |
| CIElCh | 76, 29.144, 136.130 |
| Yxy | 50.2716, 0.3190, 0.3949 |
| Android (android.graphics.Color) | 4288857750 (0xFFA2C696) |
| YUV | 181.7640, -15.6597, -17.3330 |
| Hunter-Lab | 70.9024, -21.8685, 19.1785 |

Details

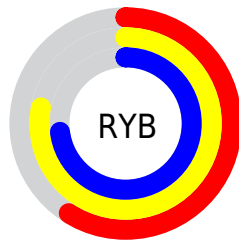
The RYB color **150, 198, 186** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186, 150, 198**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **204, 255, 242**, and **99, 144, 133** is the 20% darker color. If you saturate the color by 10%, you get **130, 198, 181**, and if you desaturate by 10%, it is **170, 198, 191**.

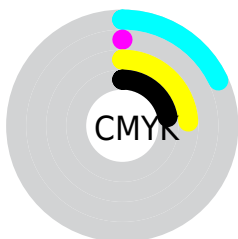
Distribution



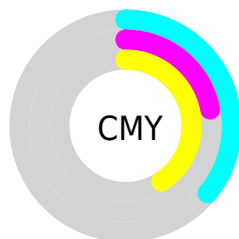
- Red (64%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)




- Cyan (36%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 150, 198, 186 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 150, 198, 186 by changing the saturation by 10% instead.


 150, 198, 186

 150, 198, 186


255, 255, 255

 124, 171, 160


 204, 255, 242

 99, 144, 133

 233, 255, 242

 75, 118, 108

 52, 93, 84

 30, 70, 63

 7, 47, 39


 0, 28, 28


 0, 0, 0


 150, 198, 186


 150, 198, 186

 130, 198, 181


 170, 198, 191


 110, 198, 176


 190, 198, 196

 91, 198, 172


 207, 198, 209


 71, 198, 166


 221, 198, 229

 51, 198, 161

 236, 198, 249

 31, 198, 156

 251, 198, 255

 11, 198, 151

 255, 198, 255

 0, 198, 148

Harmonies

Analogous

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



138, 193, 136



150, 198, 186



132, 176, 202

Triad

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



150, 198, 186



137, 174, 240



243, 169, 174

Complementary

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



150, 198, 186



186, 150, 198

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.



234, 170, 202



150, 198, 186



175, 184, 239

Square

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



150, 198, 186



110, 161, 226



210, 176, 225



237, 183, 150

Rectangle

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



150, 198, 186



115, 162, 203



210, 176, 225



241, 168, 183

Sweetspot

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



150, 198, 186



237, 255, 250



166, 198, 150



117, 128, 125



0, 0, 0



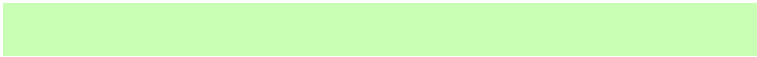
128, 128, 128

Same Dimension

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



150, 198, 186



181, 255, 236



150, 188, 198



90, 99, 97



0, 163, 122



0, 36, 27

Inverse Universe

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



186, 150, 198



237, 181, 255



198, 150, 186



97, 90, 99



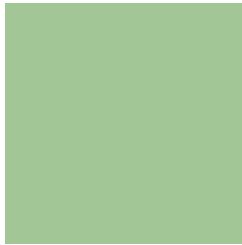
122, 0, 163



27, 0, 36

Previews

White Background



This preview shows how the RYB color 150, 198, 186 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 150, 198, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

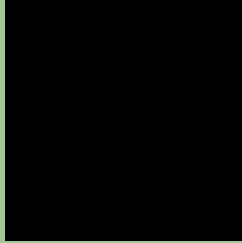
Any Text WCAG AA ✓ Pass

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 150, 198, 186 Background



This preview shows how black text looks on a background with the RYB color 150, 198, 186.

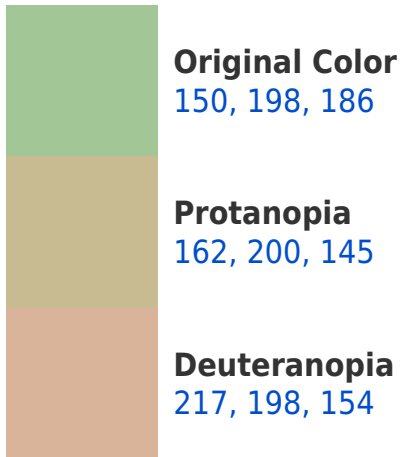


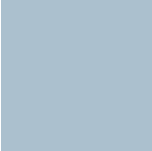
This preview shows how white text looks on a background with the RYB color 150, 198, 186.

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](#).

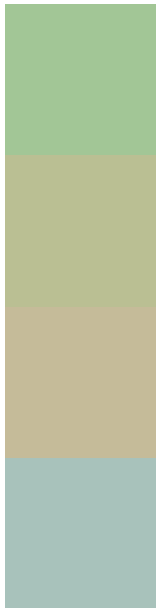
Dichromacy





Tritanopia
171, 184, 206

Trichromacy



Original Color
150, 198, 186

Protanomaly
147, 191, 152

Deuteranomaly
166, 197, 153

Tritanomaly
168, 183, 194

Monochromacy



Original Color
150, 198, 186

Achromatopsia
182, 182, 182

Achromatomaly
170, 188, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 198, 186 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(162, 198, 150) looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 150)  
}
```

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(162, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 198, 186 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(162, 198, 150) }
```

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

```
.border{ border-color:rgb(162, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 198, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 150) }
```

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

```
.background{ background-color: rgb(162,  
198, 150) }
```

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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