

Converting Colors

`RYB(152, 184, 196)`

Have a look what the booklet for
RYB(152, 184, 196) contains.

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Color

R_YB(152, 184, 196)

Conversions

Conversions Part 1

Format	Color
Hex	98C4A9
RGB	152, 196, 169
RGB Percent	60%, 77%, 66%
CMY	0.4039, 0.2314, 0.3392
CMYK	0.22, 0.00, 0.14, 0.23
HSL	142°, 27%, 68%
HSV	142°, 22%, 77%
XYZ	39.8034, 49.0011, 44.6508
YIQ	179.7660, -17.5570, -17.7250

Conversions

Conversions Part 2

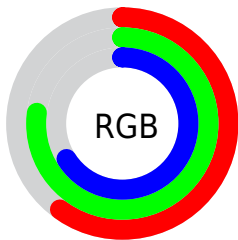
Format	Color
R _Y B	152, 184, 196
Decimal	10011817
CIE Lab	75.45, -20.11, 9.09
CIE LCh	75, 22.068, 155.684
Yxy	49.0011, 0.2983, 0.3672
Android (android.graphics.Color)	4288201897 (0xFF98C4A9)
YUV	179.7660, -5.3076, -24.3508
Hunter-Lab	70.0008, -21.0038, 11.1818

Details

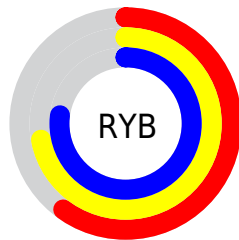
The RYB color **152, 184, 196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 152, 180**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **207, 241, 253**, and **100, 130, 142** is the 20% darker color. If you saturate the color by 10%, you get **132, 179, 196**, and if you desaturate by 10%, it is **172, 189, 196**.

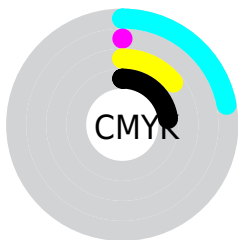
Distribution



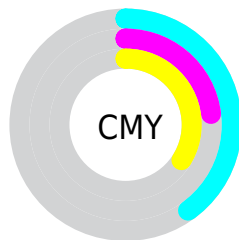
- Red (60%)
- Green (77%)
- Blue (66%)



- Red (60%)
- Yellow (72%)
- Blue (77%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (40%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 184, 196 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 152, 184, 196 by changing the saturation by 10% instead.


 152, 184, 196


255, 255, 255


 207, 241, 253


 235, 246, 255

 152, 184, 196

 126, 157, 169

 100, 130, 142

 75, 104, 116

 51, 80, 92


 28, 56, 68

 3, 31, 45


 0, 26, 26


 0, 0, 0


 152, 184, 196


 152, 184, 196


 132, 179, 196


 172, 189, 196


 113, 173, 196


 191, 195, 196


 93, 168, 196


 211, 196, 205

 74, 163, 196


 230, 196, 218

 54, 157, 196

 250, 196, 230

 34, 152, 196

 255, 196, 242

 15, 147, 196

 255, 196, 254

 0, 142, 196

 255, 196, 255

Harmonies

Analogous

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



152, 192, 169



152, 184, 196



135, 169, 198

Triad

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



152, 184, 196



167, 181, 226



227, 176, 163

Complementary

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



152, 184, 196



196, 152, 180

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, 171, 183



152, 184, 196



194, 179, 219

Square

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



152, 184, 196



143, 173, 222



216, 174, 203



216, 203, 149

Rectangle

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



152, 184, 196



130, 165, 203



216, 174, 203



228, 172, 169

Sweetspot

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



152, 184, 196



237, 250, 255



152, 196, 168



117, 125, 128



0, 0, 0



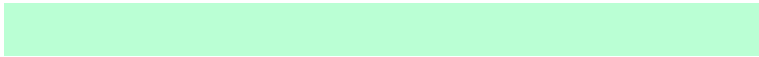
128, 128, 128

Same Dimension

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



152, 184, 196



186, 236, 255



152, 176, 196



87, 94, 97



0, 117, 161



0, 24, 33

Inverse Universe

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



196, 152, 180



255, 186, 229



196, 152, 158



97, 87, 93



161, 0, 100



33, 0, 21

Previews

White Background



This preview shows how the RYB color 152, 184, 196 looks on a white background.

Color Contrast Check

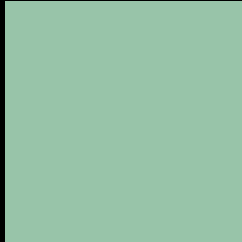
Large Text (above 18pt) WCAG AA × Fail

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 152, 184, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

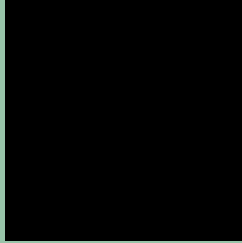
Any Text WCAG AA ✓ Pass

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](#).

RGB 152, 184, 196 Background



This preview shows how black text looks on a background with the RGB color 152, 184, 196.

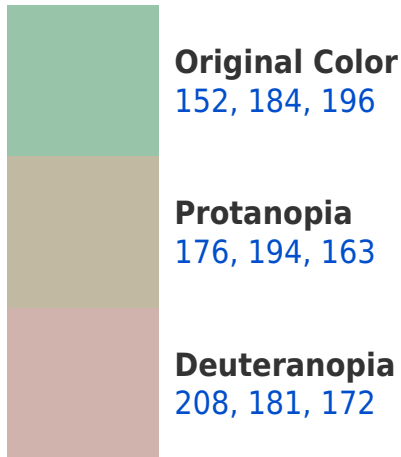


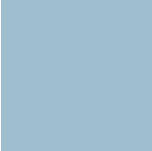
This preview shows how white text looks on a background with the RGB color 152, 184, 196.

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](#).

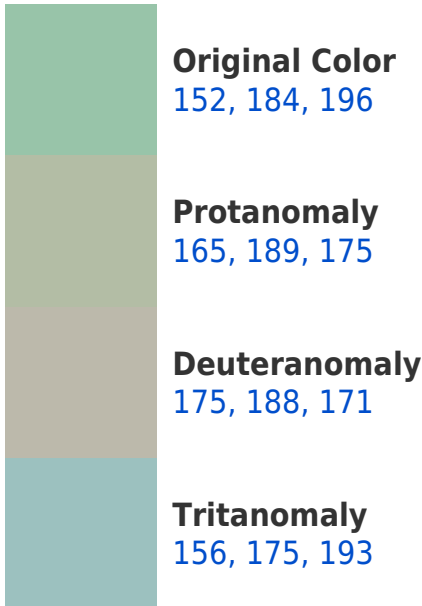
Dichromacy



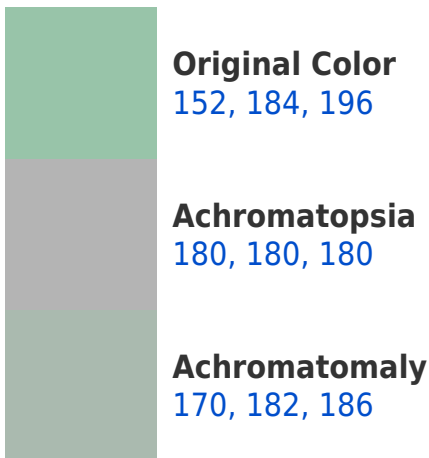


Tritanopia
159, 178, 206

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 184, 196 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(152, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 196, 169)  
}
```

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(152, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 196, 169) }
```

Border

The CSS property to change the border of an element to RYB 152, 184, 196 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(152, 196, 169) }
```

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

```
.border{ border-color:rgb(152, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(152, 196,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 152, 184, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 196, 169) }
```

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

```
.background{ background-color: rgb(152,  
196, 169) }
```

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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