

Converting Colors

`RYB(152, 190, 174)`

Have a look what the booklet for
RYB(152, 190, 174) contains.

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Color

R_YB(152, 190, 174)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A8BE98 |
| RGB | 168, 190, 152 |
| RGB Percent | 66%, 75%, 60% |
| CMY | 0.3412, 0.2549, 0.4039 |
| CMYK | 0.12, 0.00, 0.20, 0.25 |
| HSL | 95°, 23%, 67% |
| HSV | 95°, 20%, 75% |
| XYZ | 40.2294, 47.4187, 36.7382 |
| YIQ | 179.0900, -0.9140, -16.4820 |

Conversions

Conversions Part 2

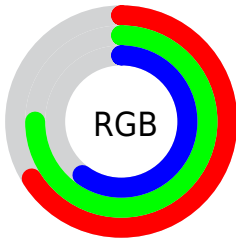
| Format | Color |
|-------------------------------------|---|
| RYB | 152, 190, 174 |
| Decimal | 11058840 |
| CIELab | 74.46, -14.49, 16.72 |
| CIELCh | 74, 22.129, 130.906 |
| Yxy | 47.4187, 0.3234, 0.3812 |
| Android (android.graphics.Color) | 4289248920 (0xFFA8BE98) |
| YUV | 179.0900, -13.3554, -9.7259 |
| Hunter-Lab | 68.8613, -16.2258, 16.5711 |

Details

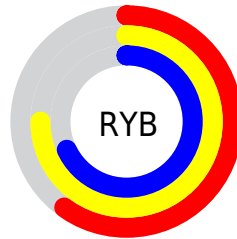
The RYB color **152, 190, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 152, 190**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **206, 246, 229**, and **101, 137, 122** is the 20% darker color. If you saturate the color by 10%, you get **133, 190, 166**, and if you desaturate by 10%, it is **171, 190, 182**.

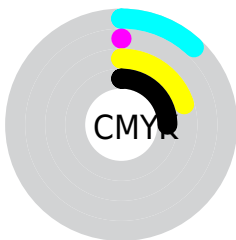
Distribution



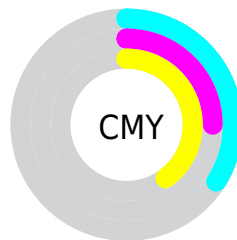
- Red (66%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (68%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (34%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 190, 174 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, 190, 174 by changing the saturation by 10% instead.

 152, 190, 174


255, 255, 255


 206, 246, 229

 235, 255, 238

 152, 190, 174

 126, 163, 148

 101, 137, 122

 77, 111, 97

 54, 87, 74

 32, 63, 51

 10, 41, 28


 0, 22, 22


 0, 0, 0


 152, 190, 174


 152, 190, 174


 133, 190, 166


 171, 190, 182

 114, 190, 158


 190, 190, 190

 95, 190, 150


 201, 190, 209

 76, 190, 142


 212, 190, 228

 57, 190, 134

 223, 190, 247

 38, 190, 126

 234, 190, 255

 19, 190, 118

 245, 190, 255

 0, 190, 110

 255, 190, 255

Harmonies

Analogous

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



151, 191, 143



152, 190, 174



146, 178, 194

Triad

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



152, 190, 174



143, 172, 221



225, 169, 176

Complementary

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



152, 190, 174



174, 152, 190

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.



216, 170, 197



152, 190, 174



169, 179, 223

Square

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



152, 190, 174



128, 164, 209



196, 175, 214



223, 176, 157

Rectangle

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



152, 190, 174



134, 168, 195



196, 175, 214



223, 169, 183

Sweetspot

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



152, 190, 174



233, 247, 241



180, 190, 152



116, 125, 121



252, 252, 252



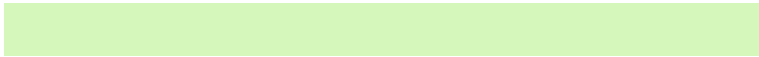
125, 125, 125

Same Dimension

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



152, 190, 174



188, 247, 222



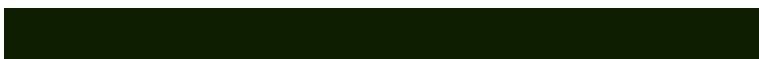
152, 187, 190



85, 94, 90



0, 158, 91



0, 31, 18

Inverse Universe

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



174, 152, 190



222, 188, 247



190, 152, 187



90, 85, 94



92, 0, 158



18, 0, 31

Previews

White Background



This preview shows how the RYB color 152, 190, 174 looks on a white background.

Color Contrast Check

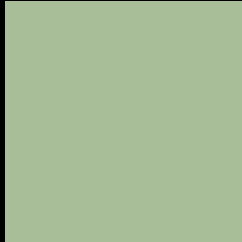
Large Text (above 18pt) WCAG AA × Fail

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, 190, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

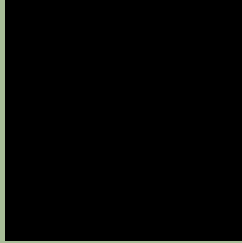
Any Text WCAG AA ✓ Pass

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](#).

R Y B 152, 190, 174 Background



This preview shows how black text looks on a background with the RYB color 152, 190, 174.

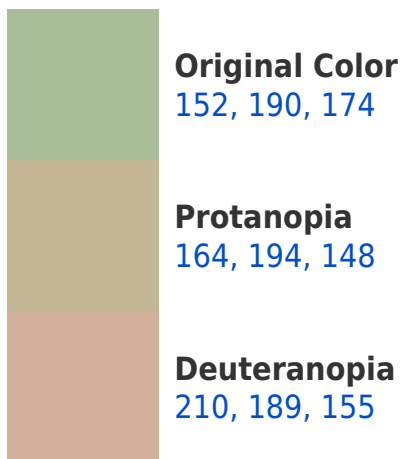


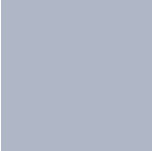
This preview shows how white text looks on a background with the RYB color 152, 190, 174.

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](#).

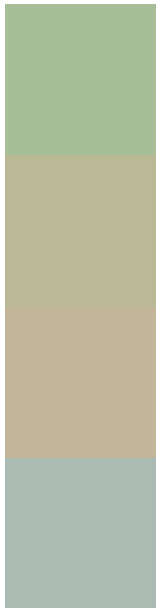
Dichromacy





Tritanopia
175, 181, 198

Trichromacy



Original Color

152, 190, 174

Protanomaly

149, 185, 149

Deuteranomaly

175, 195, 154

Tritanomaly

172, 181, 186

Monochromacy



Original Color

152, 190, 174

Achromatopsia

179, 179, 179

Achromatomaly

169, 183, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 190, 174 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(168, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 190, 152)  
}
```

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(168, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 190, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 190, 174 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(168, 190, 152) }
```

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

```
.border{ border-color:rgb(168, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 190,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 190, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 190, 152) }
```

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

```
.background{ background-color: rgb(168,  
190, 152) }
```

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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