

Converting Colors

`RYB(152, 168, 170)`

Have a look what the booklet for
RYB(152, 168, 170) contains.

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Color

R_YB(152, 168, 170)

Conversions

Conversions Part 1

Format	Color
Hex	98AA9A
RGB	152, 170, 154
RGB Percent	60%, 67%, 60%
CMY	0.4039, 0.3333, 0.3951
CMYK	0.11, 0.00, 0.09, 0.33
HSL	127°, 10%, 63%
HSV	127°, 11%, 67%
XYZ	33.1772, 37.7663, 36.2221
YIQ	162.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

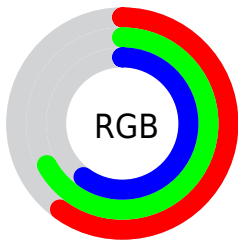
Format	Color
RYB	152, 168, 170
Decimal	10005146
CIELab	67.85, -9.36, 5.99
CIELCh	68, 11.114, 147.415
Yxy	37.7663, 0.3096, 0.3524
Android (android.graphics.Color)	4288195226 (0xFF98AA9A)
YUV	162.7940, -4.3354, -9.4663
Hunter-Lab	61.4543, -11.1785, 8.0715

Details

The RYB color **152, 168, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 152, 168**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **206, 223, 225**, and **101, 116, 118** is the 20% darker color. If you saturate the color by 10%, you get **135, 166, 170**, and if you desaturate by 10%, it is **169, 170, 170**.

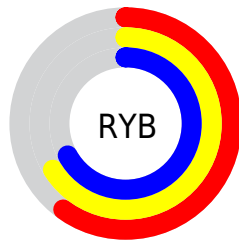
Distribution



Red (60%)

Green (67%)

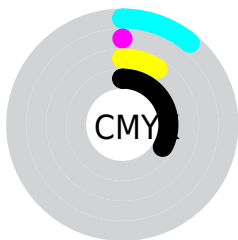
Blue (60%)



Red (60%)

Yellow (66%)

Blue (67%)

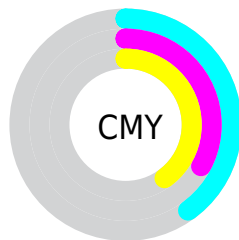


Cyan (11%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 168, 170 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, 168, 170 by changing the saturation by 10% instead.

 152, 168, 170

255, 255, 255

 206, 222, 225

 235, 252, 254

 152, 168, 170


 126, 142, 144

 101, 116, 118

 77, 91, 93

 54, 68, 70

 32, 45, 47

 11, 25, 27

 0, 0, 0

 152, 168, 170

 135, 166, 170

 152, 168, 170

 169, 170, 170

■ 118, 165, 170

■ 186, 170, 184

■ 101, 162, 170

■ 203, 170, 199

■ 84, 160, 170

■ 220, 170, 214

■ 67, 158, 170

■ 237, 170, 229

■ 50, 157, 170

■ 254, 170, 243

■ 33, 155, 170

■ 255, 170, 255

■ 16, 153, 170

■ 0, 151, 170

Harmonies

Analogous

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



147, 167, 151



152, 168, 170



143, 159, 171

Triad

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



152, 168, 170



154, 163, 185



187, 159, 156

Complementary

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



152, 168, 170



170, 152, 168

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.



185, 159, 167



152, 168, 170



166, 163, 183

Square

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



152, 168, 170



144, 159, 182



178, 160, 176



183, 168, 149

Rectangle

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



152, 168, 170



140, 156, 171



178, 160, 176



187, 159, 160

Sweetspot

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



152, 168, 170



215, 221, 222



152, 170, 154



108, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



152, 168, 170



193, 218, 222



152, 163, 170



76, 83, 84



0, 132, 148



0, 17, 20

Inverse Universe

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



170, 152, 168



222, 193, 218



170, 152, 159



84, 76, 83



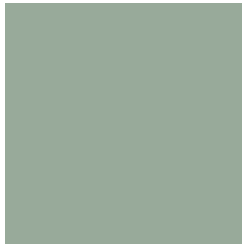
148, 0, 129



20, 0, 18

Previews

White Background



This preview shows how the RYB color 152, 168, 170 looks on a white background.

Color Contrast Check

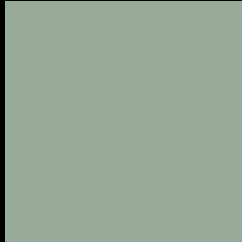
Large Text (above 18pt) WCAG AA × Fail

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, 168, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

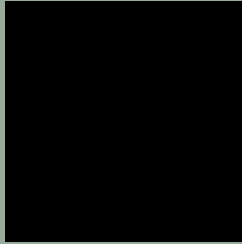
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

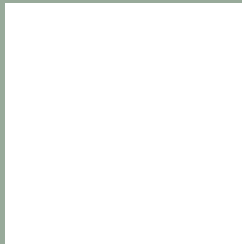
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 152, 168, 170 Background



This preview shows how black text looks on a background with the RYB color 152, 168, 170.



This preview shows how white text looks on a background with the RYB color 152, 168, 170.

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](#).

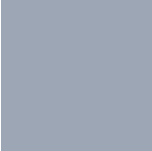
Dichromacy



Original Color
152, 168, 170

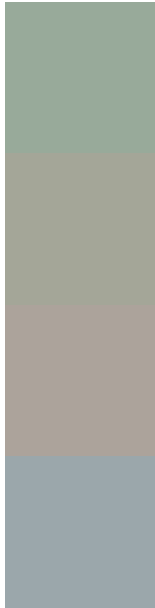
Protanopia
162, 171, 151

Deuteranopia
184, 159, 156



Tritanopia
156, 163, 180

Trichromacy



Original Color
152, 168, 170

Protanomaly
152, 166, 154

Deuteranomaly
172, 170, 155

Tritanomaly
155, 162, 171

Monochromacy



Original Color
152, 168, 170

Achromatopsia
163, 163, 163

Achromatomaly
159, 165, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 168, 170 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, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(152, 170, 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(152, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 170, 154) }
```

Border

The CSS property to change the border of an element to RYB 152, 168, 170 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, 170, 154) }
```

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

```
.border{ border-color:rgb(152, 170, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 170, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 170,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 152, 168, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 170, 154) }
```

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

```
.background{ background-color: rgb(152,  
170, 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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