

Converting Colors

`RYB(152, 166, 175)`

Have a look what the booklet for
RYB(152, 166, 175) contains.

RYB(152, 166, 175)	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

R_YB(152, 166, 175)

Conversions

Conversions Part 1

Format	Color
Hex	98AFA7
RGB	152, 175, 167
RGB Percent	60%, 69%, 65%
CMY	0.4039, 0.3137, 0.3459
CMYK	0.13, 0.00, 0.05, 0.31
HSL	159°, 13%, 64%
HSV	159°, 13%, 69%
XYZ	35.2341, 40.1174, 42.3418
YIQ	167.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

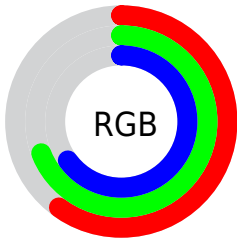
Format	Color
R _Y B	152, 166, 175
Decimal	10006439
CIE Lab	69.55, -9.58, 1.52
CIE LCh	70, 9.704, 170.970
Yxy	40.1174, 0.2994, 0.3409
Android (android.graphics.Color)	4288196519 (0xFF98AFA7)
YUV	167.2110, -0.1040, -13.3400
Hunter-Lab	63.3383, -11.5453, 4.7013

Details

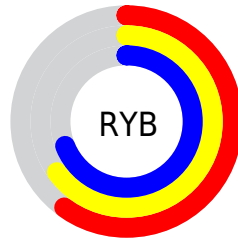
The RYB color **152, 166, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 152, 160**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **206, 221, 231**, and **101, 114, 123** is the 20% darker color. If you saturate the color by 10%, you get **135, 159, 175**, and if you desaturate by 10%, it is **170, 173, 175**.

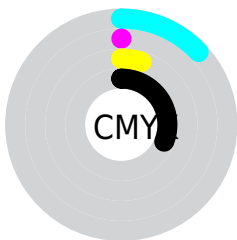
Distribution



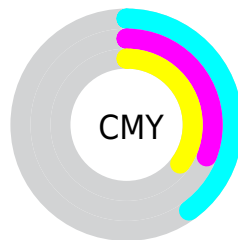
- Red (60%)
- Green (69%)
- Blue (65%)



- Red (60%)
- Yellow (65%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 166, 175 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, 166, 175 by changing the saturation by 10% instead.

 152, 166, 175

255, 255, 255

 206, 221, 231

 235, 246, 255

 152, 166, 175


 126, 139, 148

 101, 114, 123


 77, 90, 98

 54, 66, 74


 32, 43, 51


 11, 22, 30

 0, 0, 0


 152, 166, 175


 135, 159, 175

 152, 166, 175


 170, 173, 175


 117, 152, 175


 187, 175, 179


 99, 145, 175


 205, 175, 186

 82, 139, 175


 222, 175, 192

 65, 132, 175


 240, 175, 198

 47, 125, 175

 255, 175, 204

 30, 118, 175

 255, 175, 211

 12, 111, 175

 255, 175, 217

 0, 107, 175

 255, 175, 223

Harmonies

Analogous

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



159, 174, 173



152, 166, 175



148, 162, 176

Triad

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



152, 166, 175



168, 169, 186



187, 170, 157

Complementary

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



152, 166, 175



175, 152, 160

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.



189, 164, 164



152, 166, 175



179, 166, 181

Square

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



152, 166, 175



158, 167, 187



186, 164, 173



175, 180, 153

Rectangle

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



152, 166, 175



149, 163, 181



186, 164, 173



188, 167, 159

Sweetspot

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



152, 166, 175



218, 223, 227



152, 175, 167



109, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



152, 166, 175



191, 213, 227



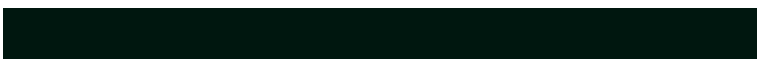
152, 163, 175



78, 83, 87



0, 91, 150



0, 14, 23

Inverse Universe

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



175, 152, 160



227, 191, 204



175, 155, 152



87, 78, 81



150, 0, 54



23, 0, 8

Previews

White Background



This preview shows how the RYB color 152, 166, 175 looks on a white background.

Color Contrast Check

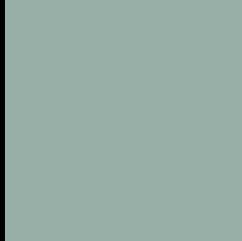
Large Text (above 18pt) WCAG AA × Fail

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, 166, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

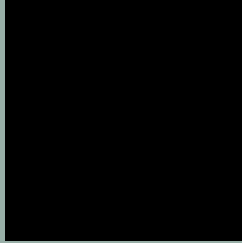
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

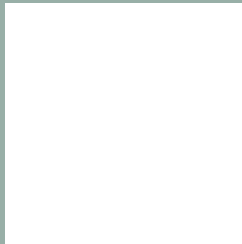
Any Text WCAG AAA ✓ Pass

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

RYB 152, 166, 175 Background



This preview shows how black text looks on a background with the RYB color 152, 166, 175.



This preview shows how white text looks on a background with the RYB color 152, 166, 175.

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](#).

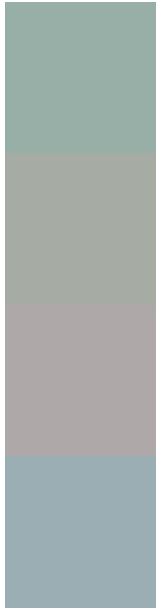
Dichromacy





Tritanopia
155, 166, 186

Trichromacy



Original Color

152, 166, 175

Protanomaly

164, 171, 169

Deuteranomaly

174, 168, 168

Tritanomaly

154, 165, 179

Monochromacy



Original Color

152, 166, 175

Achromatopsia

167, 167, 167

Achromatomaly

162, 167, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 166, 175 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, 175, 167) looks like.

```
.text, #text, p{  
    color:rgb(152, 175, 167)  
}
```

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, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 175, 167) }
```

Border

The CSS property to change the border of an element to RYB 152, 166, 175 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, 175, 167) }
```

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

```
.border{ border-color:rgb(152, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 175,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 152, 166, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 175, 167) }
```

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

```
.background{ background-color: rgb(152,  
175, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor