

Converting Colors

`RYB(152, 162, 171)`

Have a look what the booklet for RYB(152, 162, 171) contains.

RYB(152, 162, 171)	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, 162, 171)

Conversions

Conversions Part 1

Format	Color
Hex	98ABA9
RGB	152, 171, 169
RGB Percent	60%, 67%, 66%
CMY	0.4039, 0.3294, 0.3369
CMYK	0.11, 0.00, 0.01, 0.33
HSL	174°, 10%, 63%
HSV	174°, 11%, 67%
XYZ	34.6826, 38.6696, 43.2214
YIQ	165.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

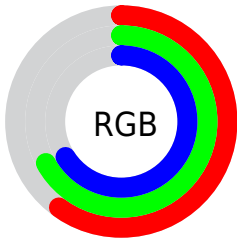
Format	Color
RYB	152, 162, 171
Decimal	10005417
CIELab	68.51, -6.98, -1.28
CIELCh	69, 7.093, 190.373
Yxy	38.6696, 0.2975, 0.3317
Android (android.graphics.Color)	4288195497 (0xFF98ABA9)
YUV	165.0910, 1.9271, -11.4808
Hunter-Lab	62.1848, -9.2679, 2.3201

Details

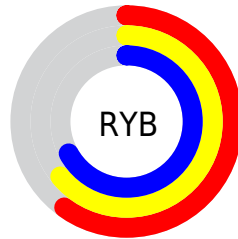
The RYB color **152, 162, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 152, 154**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **206, 217, 226**, and **101, 111, 119** is the 20% darker color. If you saturate the color by 10%, you get **135, 154, 171**, and if you desaturate by 10%, it is **169, 170, 171**.

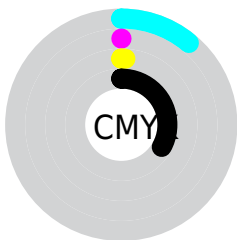
Distribution



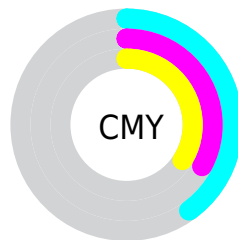
- Red (60%)
- Green (67%)
- Blue (66%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 162, 171 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, 162, 171 by changing the saturation by 10% instead.

 152, 162, 171

255, 255, 255

 206, 217, 226

 235, 246, 255

 152, 162, 171


 126, 135, 144

 101, 111, 119

 77, 86, 94

 54, 62, 70


 32, 40, 48

 11, 19, 27

 0, 0, 0

 152, 162, 171

 135, 154, 171

 152, 162, 171

 169, 170, 171

■ 118, 146, 171

■ 186, 171, 173

■ 101, 138, 171

■ 203, 171, 174

■ 84, 130, 171

■ 220, 171, 176

■ 66, 121, 171

■ 237, 171, 178

■ 49, 113, 171

■ 255, 171, 179

■ 32, 105, 171

■ 255, 171, 181

■ 15, 97, 171

■ 255, 171, 183

■ 0, 90, 171

■ 255, 171, 184

Harmonies

Analogous

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



156, 166, 171



152, 162, 171



152, 162, 175

Triad

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



152, 162, 171



171, 165, 177



177, 173, 155

Complementary

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



152, 162, 171



171, 152, 154

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.



181, 165, 159



152, 162, 171



178, 163, 172

Square

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



152, 162, 171



163, 166, 180



181, 163, 165



159, 170, 155

Rectangle

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



152, 162, 171



154, 163, 178



181, 163, 165



178, 171, 156

Sweetspot

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



152, 162, 171



215, 219, 222



152, 171, 169



108, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



152, 162, 171



193, 208, 222



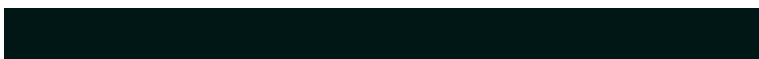
152, 159, 171



78, 83, 87



0, 79, 150



0, 12, 23

Inverse Universe

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



171, 152, 154



222, 193, 196



171, 166, 152



87, 78, 79



150, 0, 15



23, 0, 2

Previews

White Background



This preview shows how the RYB color 152, 162, 171 looks on a white background.

Color Contrast Check

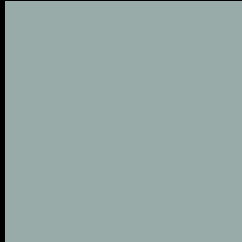
Large Text (above 18pt) WCAG AA × Fail

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, 162, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

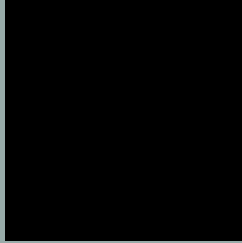
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

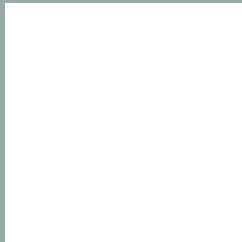
Any Text WCAG AAA ✓ Pass

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

RYB 152, 162, 171 Background



This preview shows how black text looks on a background with the RYB color 152, 162, 171.

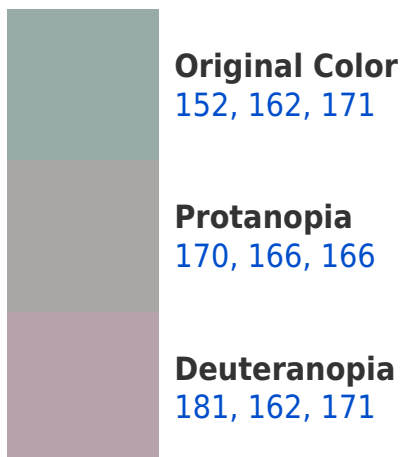


This preview shows how white text looks on a background with the RYB color 152, 162, 171.

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
154, 164, 182

Trichromacy



Original Color
152, 162, 171

Protanomaly
163, 166, 168

Deuteranomaly
170, 165, 170

Tritanomaly
153, 163, 177

Monochromacy



Original Color
152, 162, 171

Achromatopsia
165, 165, 165

Achromatomaly
160, 164, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 162, 171 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, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 171, 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, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 171, 169) }
```

Border

The CSS property to change the border of an element to RYB 152, 162, 171 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, 171, 169) }
```

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

```
.border{ border-color:rgb(152, 171, 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, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(152, 171,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 152, 162, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 171, 169) }
```

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

```
.background{ background-color: rgb(152,  
171, 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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