

Converting Colors

`RYB(151, 156, 152)`

Have a look what the booklet for
RYB(151, 156, 152) contains.

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Color

$\text{RYB}(151, 156, 152)$

Conversions

Conversions Part 1

Format	Color
Hex	9B9C97
RGB	155, 156, 151
RGB Percent	61%, 61%, 59%
CMY	0.3922, 0.3882, 0.4078
CMYK	0.01, 0.00, 0.03, 0.39
HSL	72°, 2%, 60%
HSV	72°, 3%, 61%
XYZ	30.9919, 32.9799, 34.0105
YIQ	155.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

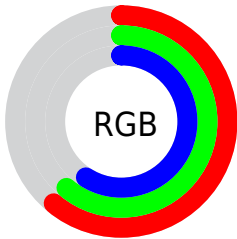
Format	Color
RYB	151, 156, 152
Decimal	10198167
CIELab	64.14, -1.31, 2.48
CIElCh	64, 2.803, 117.787
Yxy	32.9799, 0.3163, 0.3366
Android (android.graphics.Color)	4288388247 (0xFF9B9C97)
YUV	155.1310, -2.0366, -0.1149
Hunter-Lab	57.4281, -4.1689, 5.0865

Details

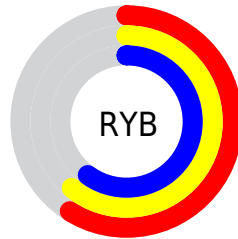
The RYB color **151, 156, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 151, 156**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **205, 210, 206**, and **100, 105, 101** is the 20% darker color. If you saturate the color by 10%, you get **135, 156, 139**, and if you desaturate by 10%, it is **158, 156, 167**.

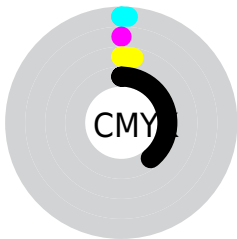
Distribution



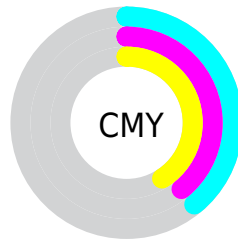
- Red (61%)
- Green (61%)
- Blue (59%)



- Red (59%)
- Yellow (61%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 156, 152 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 151, 156, 152 by changing the saturation by 10% instead.

 151, 156, 152


255, 255, 255

 205, 210, 206

 233, 239, 234

 151, 156, 152

 125, 130, 126

 100, 105, 101


 76, 81, 77

 54, 58, 55

 32, 36, 32

 9, 15, 10


 0, 0, 0


 151, 156, 152


 135, 156, 139

 151, 156, 152


 158, 156, 167

 120, 156, 127

 161, 156, 182


 104, 156, 114

 164, 156, 198

 89, 156, 102


 167, 156, 213

 73, 156, 90

 171, 156, 229


 57, 156, 77


 174, 156, 245

 42, 156, 65

 177, 156, 255

 26, 156, 52

 180, 156, 255

 11, 156, 40

 183, 156, 255

Harmonies

Analogous

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



155, 158, 150



151, 156, 152



152, 156, 157

Triad

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



151, 156, 152



151, 154, 160



161, 154, 156

Complementary

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



151, 156, 152



152, 151, 156

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.



159, 154, 158



151, 156, 152



153, 155, 160

Square

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



151, 156, 152



150, 154, 158



156, 155, 160



161, 154, 153

Rectangle

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



151, 156, 152



151, 155, 157



156, 155, 160



160, 154, 157

Sweetspot

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



151, 156, 152



202, 204, 202



156, 152, 151



101, 102, 101



230, 230, 230



102, 102, 102

Same Dimension

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



151, 156, 152



196, 204, 198



151, 156, 154



75, 79, 76



0, 143, 29



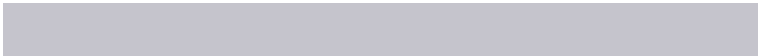
0, 15, 3

Inverse Universe

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



152, 151, 156



197, 196, 204



155, 151, 156



76, 75, 79



29, 0, 143



3, 0, 15

Previews

White Background



This preview shows how the RYB color 151, 156, 152 looks on a white background.

Color Contrast Check

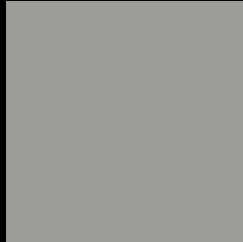
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 151, 156, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

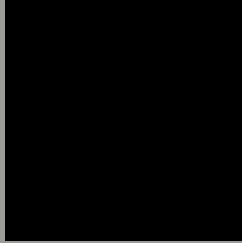
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

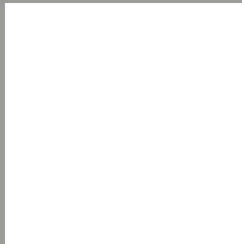
Any Text WCAG AAA ✓ Pass

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

RYB 151, 156, 152 Background



This preview shows how black text looks on a background with the RYB color 151, 156, 152.



This preview shows how white text looks on a background with the RYB color 151, 156, 152.

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

151, 156, 152

Protanopia

157, 159, 150

Deuteranopia

172, 150, 152



Tritanopia
157, 154, 166

Trichromacy



Original Color

151, 156, 152

Protanomaly

155, 158, 150

Deuteranomaly

166, 152, 152

Tritanomaly

156, 155, 161

Monochromacy



Original Color

151, 156, 152

Achromatopsia

155, 155, 155

Achromatomaly

154, 155, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 156, 152 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(155, 156, 151) looks like.

```
.text, #text, p{  
    color:rgb(155, 156, 151)  
}
```

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(155, 156, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 156, 152 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(155, 156, 151) }
```

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

```
.border{ border-color:rgb(155, 156, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 156, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 156, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 156, 151);  
box-shadow:4px 4px 4px 4px rgb(155, 156,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 156, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 151) }
```

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

```
.background{ background-color: rgb(155,  
156, 151) }
```

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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