

Converting Colors

`RYB(151, 153, 155)`

Have a look what the booklet for
RYB(151, 153, 155) contains.

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Color

R_YB(151, 153, 155)

Conversions

Conversions Part 1

Format	Color
Hex	979B9B
RGB	151, 155, 155
RGB Percent	59%, 61%, 61%
CMY	0.4078, 0.3922, 0.3922
CMYK	0.03, 0.00, 0.00, 0.39
HSL	180°, 2%, 60%
HSV	180°, 3%, 61%
XYZ	30.4002, 32.3886, 35.6597
YIQ	153.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

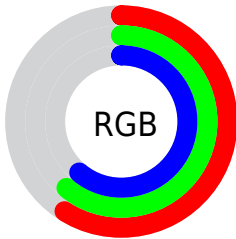
Format	Color
RYB	151, 153, 155
Decimal	9935771
CIELab	63.66, -1.43, -0.51
CIELCh	64, 1.522, 199.565
Yxy	32.3886, 0.3088, 0.3290
Android (android.graphics.Color)	4288125851 (0xFF979B9B)
YUV	153.8040, 0.5896, -2.4591
Hunter-Lab	56.9109, -4.2444, 2.6873

Details

The RYB color **151, 153, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 151, 151**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **205, 207, 209**, and **100, 102, 104** is the 20% darker color. If you saturate the color by 10%, you get **136, 146, 155**, and if you desaturate by 10%, it is **167, 155, 155**.

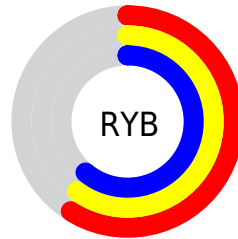
Distribution



Red (59%)

Green (61%)

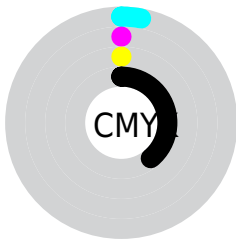
Blue (61%)



Red (59%)

Yellow (60%)

Blue (61%)

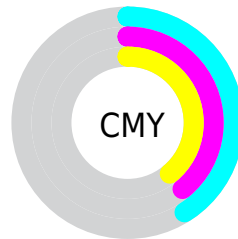


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (41%)


Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 153, 155 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, 153, 155 by changing the saturation by 10% instead.


 151, 153, 155


255, 255, 255


 205, 207, 209

 233, 236, 238

 151, 153, 155

 125, 127, 129

 100, 102, 104


 76, 78, 80

 54, 56, 57


 32, 34, 36


 9, 12, 14

 0, 0, 0

 151, 153, 155

 136, 146, 155

 151, 153, 155

 167, 155, 155

■ 120, 138, 155

■ 182, 155, 155

■ 105, 130, 155

■ 198, 155, 155

■ 89, 122, 155

■ 213, 155, 155

■ 74, 115, 155

■ 229, 155, 155

■ 58, 107, 155

■ 244, 155, 155

■ 42, 99, 155

■ 255, 155, 155

■ 27, 91, 155

■ 12, 84, 155

Harmonies

Analogous

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



152, 154, 155



151, 153, 155



151, 153, 156

Triad

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



151, 153, 155



156, 154, 156



156, 156, 152

Complementary

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



151, 153, 155



155, 151, 151

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.



157, 155, 152



151, 153, 155



157, 153, 155

Square

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



151, 153, 155



154, 154, 157



157, 153, 153



152, 154, 152

Rectangle

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



151, 153, 155



152, 154, 157



157, 153, 153



156, 156, 152

Sweetspot

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



151, 153, 155



199, 200, 201



151, 155, 155



101, 102, 102



230, 230, 230



102, 102, 102

Same Dimension

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



151, 153, 155



195, 198, 201



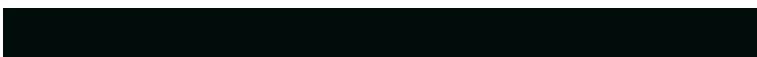
151, 152, 155



73, 75, 77



0, 70, 140



0, 7, 13

Inverse Universe

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



155, 151, 155



201, 195, 201



155, 155, 151



77, 73, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 151, 153, 155 looks on a white background.

Color Contrast Check

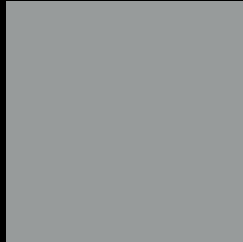
Large Text (above 18pt) WCAG AA × Fail

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, 153, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

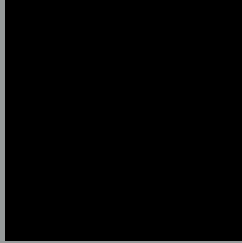
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

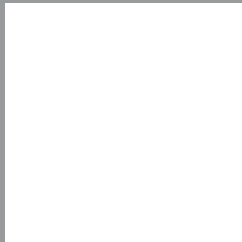
Any Text WCAG AAA ✓ Pass

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

RYB 151, 153, 155 Background



This preview shows how black text looks on a background with the RYB color 151, 153, 155.



This preview shows how white text looks on a background with the RYB color 151, 153, 155.

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, 153, 155

Protanopia

157, 153, 154

Deuteranopia

168, 149, 156



Tritanopia
153, 153, 166

Trichromacy



Original Color

151, 153, 155

Protanomaly

155, 154, 154

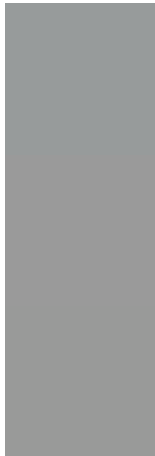
Deuteranomaly

162, 151, 156

Tritanomaly

152, 154, 162

Monochromacy



Original Color

151, 153, 155

Achromatopsia

154, 154, 154

Achromatomaly

153, 154, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 153, 155 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(151, 155, 155)` looks like.

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

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

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

Border

The CSS property to change the border of an element to RYB 151, 153, 155 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(151, 155, 155) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to RYB 151, 153, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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