

Converting Colors

`RYB(149, 155, 151)`

Have a look what the booklet for
RYB(149, 155, 151) contains.

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Color

R_YB(149, 155, 151)

Conversions

Conversions Part 1

Format	Color
Hex	999B95
RGB	153, 155, 149
RGB Percent	60%, 61%, 58%
CMY	0.4000, 0.3922, 0.4157
CMYK	0.01, 0.00, 0.04, 0.39
HSL	80°, 3%, 60%
HSV	80°, 4%, 61%
XYZ	30.2830, 32.3849, 33.0886
YIQ	153.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

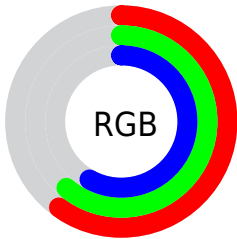
Format	Color
RYB	149, 155, 151
Decimal	10066837
CIELab	63.66, -1.86, 2.88
CIELCh	64, 3.430, 122.861
Yxy	32.3849, 0.3163, 0.3382
Android (android.graphics.Color)	4288256917 (0xFF999B95)
YUV	153.7180, -2.3260, -0.6297
Hunter-Lab	56.9078, -4.6011, 5.3617

Details

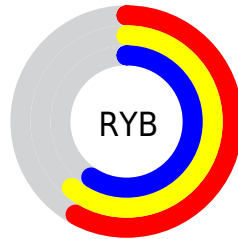
The RYB color **149, 155, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 149, 155**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **203, 209, 205**, and **98, 104, 100** is the 20% darker color. If you saturate the color by 10%, you get **134, 155, 141**, and if you desaturate by 10%, it is **158, 155, 165**.

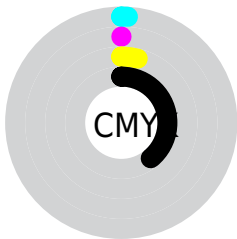
Distribution



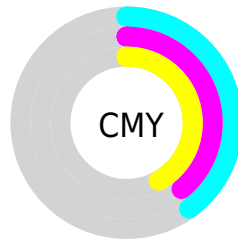
- Red (60%)
- Green (61%)
- Blue (58%)



- Red (58%)
- Yellow (61%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 155, 151 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 149, 155, 151 by changing the saturation by 10% instead.

 149, 155, 151


255, 255, 255

 203, 209, 205

 231, 238, 233


 149, 155, 151

 123, 129, 125

 98, 104, 100

 75, 80, 77


 52, 57, 54


 31, 36, 33

 6, 14, 8

 0, 0, 0

 149, 155, 151


 134, 155, 141

 149, 155, 151


 158, 155, 165


 118, 155, 130


 163, 155, 180

 103, 155, 120

 169, 155, 196

 87, 155, 110


 174, 155, 211

 72, 155, 100

 179, 155, 227

 56, 155, 89


 184, 155, 242


 41, 155, 79

 189, 155, 255

 25, 155, 68

 194, 155, 255

 10, 155, 59

 200, 155, 255

Harmonies

Analogous

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



153, 157, 148



149, 155, 151



150, 155, 156

Triad

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



149, 155, 151



148, 152, 159



161, 152, 154

Complementary

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



149, 155, 151



151, 149, 155

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, 153, 157



149, 155, 151



152, 154, 160

Square

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



149, 155, 151



147, 152, 157



155, 153, 159



161, 152, 151

Rectangle

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



149, 155, 151



148, 153, 156



155, 153, 159



160, 152, 155

Sweetspot

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



149, 155, 151



199, 201, 199



155, 152, 149



101, 102, 101



230, 230, 230



102, 102, 102

Same Dimension

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



149, 155, 151



191, 201, 194



149, 155, 154



72, 77, 74



0, 140, 46



0, 13, 5

Inverse Universe

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



151, 149, 155



195, 191, 201



154, 149, 155



73, 72, 77



47, 0, 140



4, 0, 13

Previews

White Background



This preview shows how the RYB color 149, 155, 151 looks on a white background.

Color Contrast Check

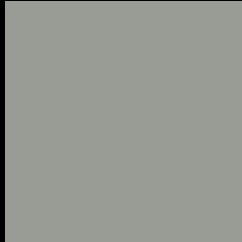
Large Text (above 18pt) WCAG AA × Fail

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 149, 155, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

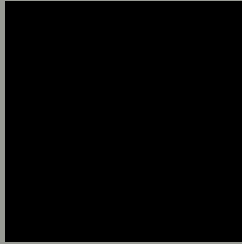
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

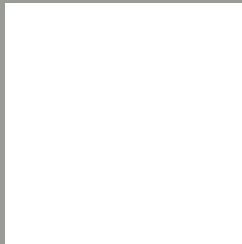
Any Text WCAG AAA ✓ Pass

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

RYB 149, 155, 151 Background



This preview shows how black text looks on a background with the RYB color 149, 155, 151.



This preview shows how white text looks on a background with the RYB color 149, 155, 151.

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
149, 155, 151

Protanopia
158, 158, 148

Deuteranopia
170, 149, 150



Tritanopia
155, 153, 165

Trichromacy



Original Color

149, 155, 151

Protanomaly

151, 156, 148

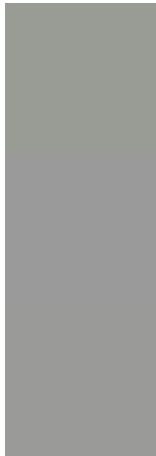
Deuteranomaly

164, 151, 150

Tritanomaly

154, 154, 159

Monochromacy



Original Color

149, 155, 151

Achromatopsia

154, 154, 154

Achromatomaly

152, 154, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 155, 151 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(153, 155, 149) looks like.

```
.text, #text, p{  
    color:rgb(153, 155, 149)  
}
```

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(153, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 155, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 155, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

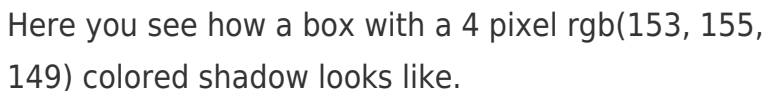
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 155, 149) }
```

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

```
.border{ border-color:rgb(153, 155, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(153, 155,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 155, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 155, 149) }
```

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

```
.background{ background-color: rgb(153,  
155, 149) }
```

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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