

Converting Colors

`RYB(153, 149, 150)`

Have a look what the booklet for
RYB(153, 149, 150) contains.

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Color

R_YB(153, 149, 150)

Conversions

Conversions Part 1

Format	Color
Hex	999596
RGB	153, 149, 150
RGB Percent	60%, 58%, 59%
CMY	0.4000, 0.4157, 0.4118
CMYK	0.00, 0.03, 0.02, 0.40
HSL	345°, 2%, 59%
HSV	345°, 3%, 60%
XYZ	29.3893, 30.4692, 33.1863
YIQ	150.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

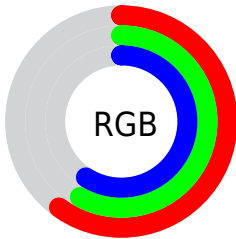
Format	Color
RYB	153, 149, 150
Decimal	10065302
CIELab	62.06, 1.65, -0.01
CIELCh	62, 1.654, 359.507
Yxy	30.4692, 0.3159, 0.3275
Android (android.graphics.Color)	4288255382 (0xFF999596)
YUV	150.3100, -0.1528, 2.3591
Hunter-Lab	55.1989, -1.5601, 2.9933

Details

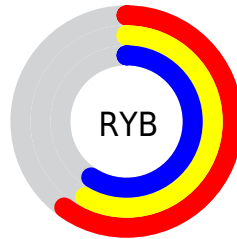
The RYB color **153, 149, 150** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 151, 153**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **207, 203, 204**, and **102, 98, 99** is the 20% darker color. If you saturate the color by 10%, you get **153, 134, 139**, and if you desaturate by 10%, it is **153, 159, 164**.

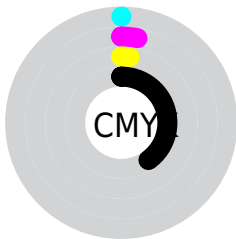
Distribution



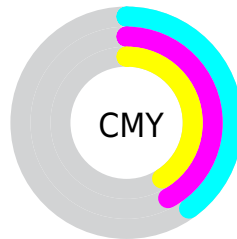
- Red (60%)
- Green (58%)
- Blue (59%)



- Red (60%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 149, 150 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 153, 149, 150 by changing the saturation by 10% instead.


 153, 149, 150

255, 255, 255


 207, 203, 204

 236, 231, 232

 153, 149, 150

 127, 123, 124

 102, 98, 99

 78, 75, 75


 55, 52, 53

 34, 31, 32


 12, 6, 8

 0, 0, 0

 153, 149, 150

 153, 134, 139

 153, 149, 150

 153, 159, 164

■ 153, 118, 127

■ 153, 169, 180

■ 153, 103, 116

■ 153, 177, 195

■ 153, 88, 104

■ 153, 185, 210

■ 153, 73, 93

■ 153, 195, 226

■ 153, 57, 81

■ 153, 203, 241

■ 153, 42, 70

■ 153, 211, 255

■ 153, 27, 58

■ 153, 207, 255

■ 153, 11, 47

■ 153, 205, 255

Harmonies

Analogous

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



152, 149, 151



153, 149, 150



153, 149, 149

Triad

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



153, 149, 150



147, 150, 147



147, 149, 152

Complementary

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



153, 149, 150



149, 151, 153

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.



147, 149, 151



153, 149, 150



148, 151, 151

Square

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



153, 149, 150



148, 151, 147



147, 149, 151



149, 150, 153

Rectangle

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



153, 149, 150



153, 149, 148



147, 149, 151



147, 149, 152

Sweetspot

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



153, 149, 150



199, 197, 197



152, 149, 153



99, 98, 99



227, 227, 227



99, 99, 99

Same Dimension

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



153, 149, 150



199, 193, 194



153, 150, 149



77, 73, 74



140, 0, 35



13, 0, 3

Inverse Universe

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



153, 149, 150



199, 193, 194



149, 151, 153



77, 73, 74



140, 0, 35



13, 0, 3

Previews

White Background



This preview shows how the RYB color 153, 149, 150 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 153, 149, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

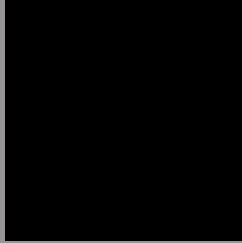
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

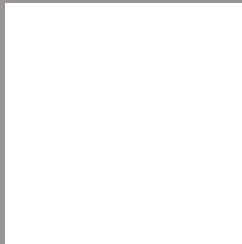
Any Text WCAG AAA ✓ Pass

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

RYB 153, 149, 150 Background



This preview shows how black text looks on a background with the RYB color 153, 149, 150.

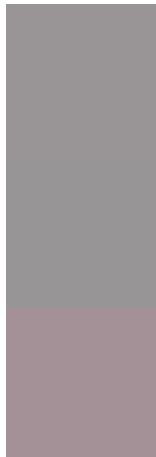


This preview shows how white text looks on a background with the RYB color 153, 149, 150.

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
153, 149, 150

Protanopia
152, 149, 150

Deuteranopia
164, 145, 151



Tritanopia

154, 148, 159

Trichromacy



Original Color

153, 149, 150

Protanomaly

152, 149, 150

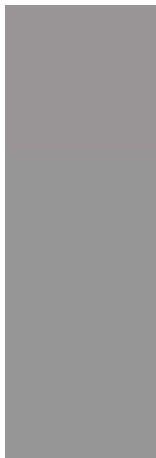
Deuteranomaly

160, 146, 151

Tritanomaly

154, 148, 156

Monochromacy



Original Color

153, 149, 150

Achromatopsia

150, 150, 150

Achromatomaly

151, 150, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 149, 150 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 150)  
}
```

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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 150) }
```

Border

The CSS property to change the border of an element to RYB 153, 149, 150 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, 149, 150) }
```

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

```
.border{ border-color:rgb(153, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 153, 149, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 150) }
```

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

```
.background{ background-color: rgb(153,  
149, 150) }
```

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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