

Converting Colors

`RYB(155, 149, 143)`

Have a look what the booklet for
RYB(155, 149, 143) contains.

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Color

R_YB(155, 149, 143)

Conversions

Conversions Part 1

Format	Color
Hex	9B938F
RGB	155, 147, 143
RGB Percent	61%, 58%, 56%
CMY	0.3922, 0.4235, 0.4392
CMYK	0.00, 0.05, 0.08, 0.39
HSL	20°, 6%, 58%
HSV	20°, 8%, 61%
XYZ	28.9092, 29.8192, 30.2186
YIQ	148.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

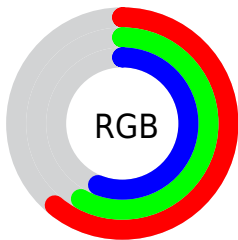
Format	Color
R_{YB}	155, 149, 143
Decimal	10195855
CIE _{Lab}	61.50, 2.21, 3.16
CIE _{LCh}	61, 3.858, 54.997
Yxy	29.8192, 0.3250, 0.3352
Android (android.graphics.Color)	4288385935 (0xFF9B938F)
YUV	148.9360, -2.9264, 5.3181
Hunter-Lab	54.6069, -1.0632, 5.4147

Details

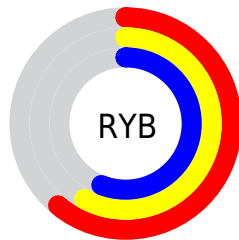
The RYB color **155, 149, 143** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **143, 148, 155**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **209, 203, 197**, and **104, 97, 93** is the 20% darker color. If you saturate the color by 10%, you get **155, 142, 128**, and if you desaturate by 10%, it is **155, 156, 159**.

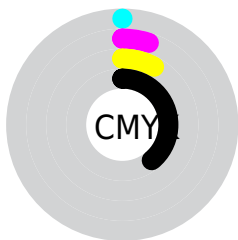
Distribution



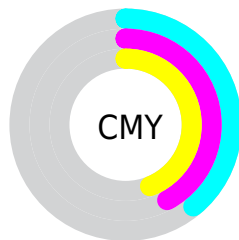
- Red (61%)
- Green (58%)
- Blue (56%)



- Red (61%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 149, 143 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 155, 149, 143 by changing the saturation by 10% instead.

■ 155, 149, 143

255, 255, 255

■ 209, 203, 197

■ 238, 231, 225

253, 255, 253

■ 155, 149, 143

■ 129, 123, 117

■ 104, 97, 93

■ 80, 75, 69

■ 57, 51, 47

■ 35, 31, 26

■ 14, 4, 0

■ 0, 0, 0

■ 155, 149, 143


■ 155, 142, 128

■ 155, 149, 143


■ 155, 156, 159

 155, 133, 112


 155, 163, 174

 155, 125, 97


 155, 169, 190

 155, 119, 81

 155, 175, 205

 155, 109, 66

 155, 181, 220

 155, 103, 50

 155, 187, 236

 155, 95, 35

 155, 193, 251

 155, 86, 19

 155, 198, 255

 155, 79, 4

 155, 201, 255

Harmonies

Analogous

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



156, 146, 146



155, 149, 143



149, 152, 142

Triad

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



155, 149, 143



141, 147, 151



149, 148, 155

Complementary

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



155, 149, 143



143, 148, 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.



145, 148, 155



155, 149, 143



140, 146, 151

Square

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



155, 149, 143



144, 150, 150



141, 146, 154



153, 147, 152

Rectangle

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



155, 149, 143



143, 150, 142



141, 146, 154



147, 148, 155

Sweetspot

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



155, 149, 143



201, 201, 197



155, 143, 151



102, 102, 100



230, 230, 230



102, 102, 102

Same Dimension

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



155, 149, 143



201, 192, 183



145, 155, 143



77, 72, 69



140, 71, 0



13, 6, 0

Inverse Universe

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



143, 148, 155



183, 190, 201



143, 145, 155



69, 72, 77



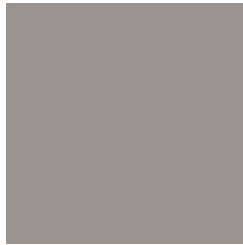
0, 56, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 155, 149, 143 looks on a white background.

Color Contrast Check

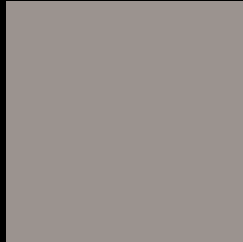
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 149, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

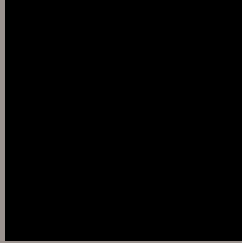
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

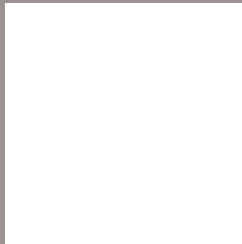
Any Text WCAG AAA × Fail

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

RYB 155, 149, 143 Background



This preview shows how black text looks on a background with the RYB color 155, 149, 143.

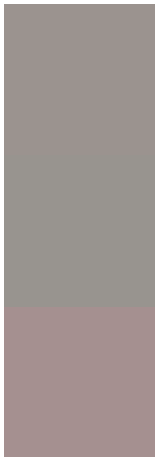


This preview shows how white text looks on a background with the RYB color 155, 149, 143.

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
155, 149, 143

Protanopia
150, 152, 143

Deuteranopia
165, 144, 144



Tritanopia

157, 145, 156

Trichromacy



Original Color

155, 149, 143

Protanomaly

153, 153, 143

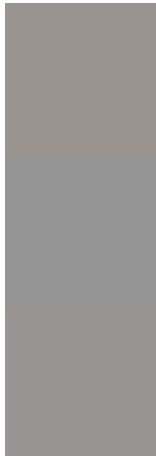
Deuteranomaly

161, 145, 144

Tritanomaly

156, 146, 151

Monochromacy



Original Color

155, 149, 143

Achromatopsia

149, 149, 149

Achromatomaly

151, 148, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 149, 143 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, 147, 143) looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 143)  
}
```

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, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 143) }
```

Border

The CSS property to change the border of an element to RYB 155, 149, 143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

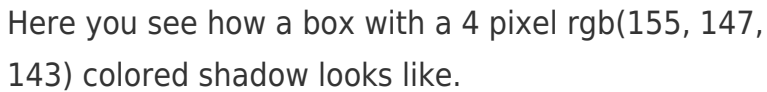
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 147, 143) }
```

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

```
.border{ border-color:rgb(155, 147, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 147, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 147, 143); box-shadow:4px 4px 4px 4px rgb(155, 147, 143) }
```

Background

The CSS property to change the background color of an element to RYB 155, 149, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 143) }
```

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

```
.background{ background-color: rgb(155,  
147, 143) }
```

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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