

# Converting Colors

`RYB(155, 146, 159)`

Have a look what the booklet for  
RYB(155, 146, 159) contains.

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# Color

**R<sub>Y</sub>B(155, 146, 159)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B929F
RGB	155, 146, 159
RGB Percent	61%, 57%, 62%
CMY	0.3922, 0.4275, 0.3765
CMYK	0.03, 0.08, 0.00, 0.38
HSL	282°, 6%, 60%
HSV	282°, 8%, 62%
XYZ	30.0545, 30.0295, 37.0131
YIQ	150.1730, 1.1910, 5.9510

# Conversions

## Conversions Part 2

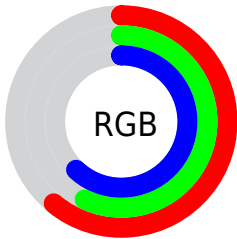
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 146, 159
Decimal	10195615
CIE <sub>Lab</sub>	61.68, 5.81, -5.65
CIE <sub>LCh</sub>	62, 8.107, 315.804
Yxy	30.0295, 0.3095, 0.3093
Android (android.graphics.Color)	4288385695 (0xFF9B929F)
YUV	150.1730, 4.3517, 4.2333
Hunter-Lab	54.7992, 1.9992, -1.6869

# Details

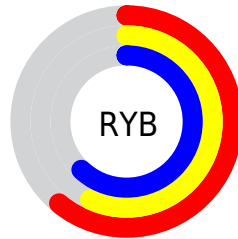
The RYB color **155, 146, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 159, 155**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **209, 200, 214**, and **104, 96, 108** is the 20% darker color. If you saturate the color by 10%, you get **150, 130, 159**, and if you desaturate by 10%, it is **159, 162, 161**.

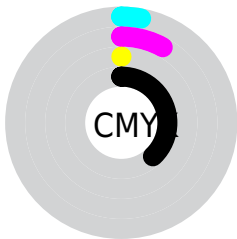
# Distribution



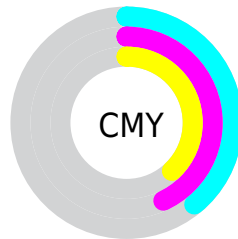
- Red (61%)
- Green (57%)
- Blue (62%)



- Red (61%)
- Yellow (57%)
- Blue (62%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (43%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 155, 146, 159 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, 146, 159 by changing the saturation by 10% instead.



 155, 146, 159

255, 255, 255

 209, 200, 214

 238, 228, 242


 155, 146, 159

 129, 120, 133

 104, 96, 108

 80, 72, 83

 57, 49, 60

 35, 28, 39

 14, 2, 18

 0, 0, 0

 155, 146, 159

 150, 130, 159

 155, 146, 159

 159, 162, 161

■ 145, 114, 159

■ 159, 178, 172

■ 140, 98, 159

■ 159, 194, 183

■ 135, 82, 159

■ 159, 210, 194

■ 131, 66, 159

■ 159, 225, 205

■ 126, 51, 159

■ 159, 241, 216

■ 121, 35, 159

■ 159, 255, 225

■ 116, 19, 159

■ 159, 255, 220

■ 111, 3, 159

■ 159, 255, 215

# Harmonies

## Analogous

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



146, 148, 163



155, 146, 159



162, 144, 153

# Triad

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



155, 146, 159



156, 158, 135



132, 143, 153

# Complementary

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



155, 146, 159



146, 159, 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.



135, 147, 153



155, 146, 159



136, 151, 135

# Square

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



155, 146, 159



163, 147, 139



139, 152, 148



132, 143, 159

# Rectangle

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



155, 146, 159



164, 144, 148



139, 152, 148



132, 143, 153



# Sweetspot

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



155, 146, 159



205, 202, 207



146, 149, 159



104, 102, 105



232, 232, 232



105, 105, 105



# Same Dimension

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



155, 146, 159



200, 186, 207



159, 146, 157



77, 71, 79



99, 0, 143



11, 0, 15



# Inverse Universe

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



159, 146, 150



207, 186, 192



146, 157, 159



79, 71, 74



143, 0, 44



15, 0, 5



# Previews

## White Background



This preview shows how the RYB color 155, 146, 159 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, 146, 159 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

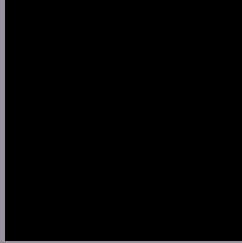
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

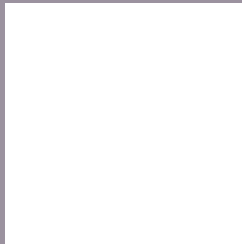
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 155, 146, 159 Background**



This preview shows how black text looks on a background with the RYB color 155, 146, 159.

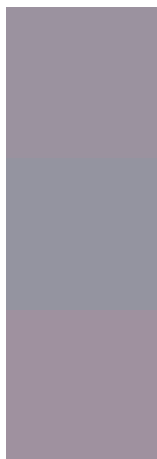


This preview shows how white text looks on a background with the RYB color 155, 146, 159.

# 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, 146, 159

### Protanopia

148, 148, 160

### Deuteranopia

159, 145, 159



**Tritanopia**  
155, 146, 158

# Trichromacy



## Original Color

155, 146, 159

## Protanomaly

151, 147, 160

## Deuteranomaly

158, 145, 159

## Tritanomaly

155, 146, 158

# Monochromacy



## Original Color

155, 146, 159

## Achromatopsia

150, 150, 150

## Achromatomaly

152, 149, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 155, 146, 159 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, 146, 159) looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 159)  
}
```

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, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 159) }
```

## Border

The CSS property to change the border of an element to RYB 155, 146, 159 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, 146, 159) }
```

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

```
.border{ border-color:rgb(155, 146, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 159);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
159) }
```

# Background

The CSS property to change the background color of an element to RYB 155, 146, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 159) }
```

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

```
.background{ background-color: rgb(155,  
146, 159) }
```

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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