

# Converting Colors

`RYB(159, 129, 136)`

Have a look what the booklet for  
RYB(159, 129, 136) contains.

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# Color

**R<sub>Y</sub>B(159, 129, 136)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F8188
RGB	159, 129, 136
RGB Percent	62%, 51%, 53%
CMY	0.3765, 0.4941, 0.4667
CMYK	0.00, 0.19, 0.14, 0.38
HSL	346°, 14%, 56%
HSV	346°, 19%, 62%
XYZ	26.5923, 24.8490, 26.6873
YIQ	138.7680, 15.6330, 8.5370

# Conversions

## Conversions Part 2

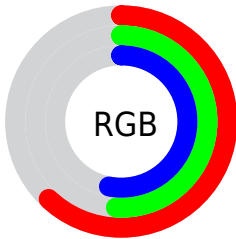
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 129, 136
Decimal	10453384
CIE <sub>Lab</sub>	56.93, 12.68, 0.57
CIE <sub>LCh</sub>	57, 12.689, 2.594
Yxy	24.8490, 0.3404, 0.3181
Android (android.graphics.Color)	4288643464 (0xFF9F8188)
YUV	138.7680, -1.3646, 17.7435
Hunter-Lab	49.8488, 7.9870, 3.1523

# Details

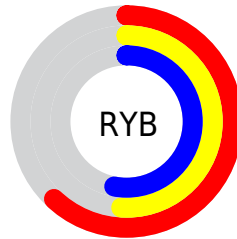
The RYB color **159, 129, 136** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129, 146, 159**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **214, 182, 189**, and **107, 80, 86** is the 20% darker color. If you saturate the color by 10%, you get **159, 113, 124**, and if you desaturate by 10%, it is **159, 145, 148**.

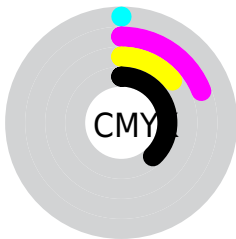
# Distribution



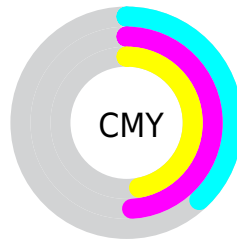
- Red (62%)
- Green (51%)
- Blue (53%)



- Red (62%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 159, 129, 136 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 159, 129, 136 by changing the saturation by 10% instead.



 159, 129, 136

255, 255, 255

 214, 182, 189


 242, 210, 217

 255, 238, 245

 159, 129, 136

 133, 104, 111

 107, 80, 86

 83, 57, 63

 59, 35, 41

 37, 14, 21

 0, 0, 0

 159, 129, 136

 159, 113, 124

 159, 97, 112

 159, 129, 136

 159, 145, 148

 159, 160, 161

■ 159, 81, 99

■ 159, 169, 177

■ 159, 65, 87

■ 159, 178, 193

■ 159, 49, 75

■ 159, 187, 209

■ 159, 34, 63

■ 159, 196, 224

■ 159, 18, 51

■ 159, 205, 240

■ 159, 2, 38

■ 159, 213, 255

■ 159, 0, 37

■ 159, 209, 255

# Harmonies

## Analogous

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



152, 130, 147



159, 129, 136



160, 131, 125

# Triad

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



159, 129, 136



118, 140, 126



114, 130, 156

# Complementary

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



159, 129, 136



129, 146, 159

# 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.



108, 127, 148



159, 129, 136



120, 137, 142

# Square

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



159, 129, 136



128, 145, 115



111, 129, 143



126, 134, 158

# Rectangle

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



159, 129, 136



157, 137, 119



111, 129, 143



111, 129, 154



# Sweetspot

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



159, 129, 136



207, 194, 197



152, 129, 159



105, 97, 99



232, 232, 232



105, 105, 105



# Same Dimension

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



159, 129, 136



207, 159, 170



159, 140, 129



79, 71, 73



143, 0, 33



15, 0, 4



# Inverse Universe

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



159, 129, 136



207, 159, 170



129, 142, 159



79, 71, 73



143, 0, 33



15, 0, 4



# Previews

## White Background



This preview shows how the RYB color 159, 129, 136 looks on a white background.

## Color Contrast Check

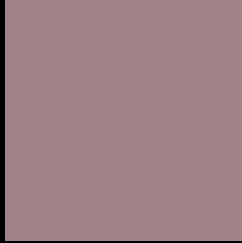
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 129, 136 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

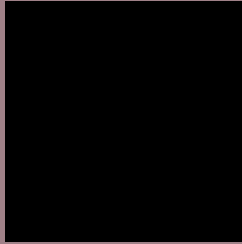
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 159, 129, 136 Background**



This preview shows how black text looks on a background with the RYB color 159, 129, 136.



This preview shows how white text looks on a background with the RYB color 159, 129, 136.

# 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

159, 129, 136

### Protanopia

138, 136, 140

### Deuteranopia

150, 132, 135



# Tritanopia

159, 129, 139

# Trichromacy



**Original Color**

159, 129, 136

**Protanomaly**

146, 133, 139

**Deuteranomaly**

153, 131, 135

**Tritanomaly**

159, 129, 138

# Monochromacy



**Original Color**

159, 129, 136

**Achromatopsia**

139, 139, 139

**Achromatomaly**

146, 135, 138

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 159, 129, 136 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(159, 129, 136) looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 136)  
}
```

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(159, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 136) }
```

## Border

The CSS property to change the border of an element to RYB 159, 129, 136 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(159, 129, 136) }
```

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

```
.border{ border-color:rgb(159, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
136) }
```

# Background

The CSS property to change the background color of an element to RYB 159, 129, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 136) }
```

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

```
.background{ background-color: rgb(159,  
129, 136) }
```

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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