

# Converting Colors

`RYB(142, 151, 147)`

Have a look what the booklet for RYB(142, 151, 147) contains.

<b>RYB(142, 151, 147)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RYB(142, 151, 147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92978E
RGB	146, 151, 142
RGB Percent	57%, 59%, 56%
CMY	0.4275, 0.4078, 0.4431
CMYK	0.03, 0.00, 0.06, 0.41
HSL	93°, 4%, 57%
HSV	93°, 6%, 59%
XYZ	27.8032, 30.1972, 29.9544
YIQ	148.4790, -0.0910, -3.8590

# Conversions

## Conversions Part 2

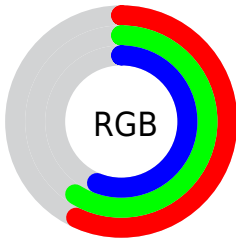
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 151, 147</a>
Decimal	<a href="#">9607054</a>
CIELab	<a href="#">61.82, -3.54, 4.10</a>
CIELCh	<a href="#">62, 5.417, 130.761</a>
Yxy	<a href="#">30.1972, 0.3161, 0.3433</a>
Android (android.graphics.Color)	<a href="#">4287797134</a> ( <a href="#">0xFF92978E</a> )
YUV	<a href="#">148.4790, -3.1941, -2.1741</a>
Hunter-Lab	<a href="#">54.9520, -5.8532, 6.1473</a>

# Details

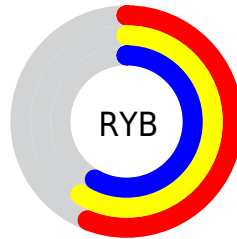
The RYB color **142, 151, 147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **147, 142, 151**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **196, 205, 201**, and **92, 100, 96** is the 20% darker color. If you saturate the color by 10%, you get **127, 151, 140**, and if you desaturate by 10%, it is **154, 151, 157**.

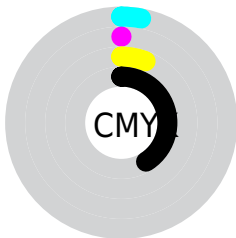
# Distribution



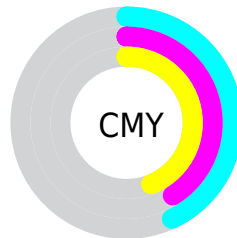
- Red (57%)
- Green (59%)
- Blue (56%)



- Red (56%)
- Yellow (59%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (43%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 142, 151, 147 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 142, 151, 147 by changing the saturation by 10% instead.




 142, 151, 147


255, 255, 255


 196, 205, 201


 224, 233, 229

252, 255, 252

 142, 151, 147

 116, 125, 121

 92, 100, 96

 68, 76, 72

 46, 54, 51


 25, 32, 29

 0, 9, 8


 0, 0, 0

 142, 151, 147


 127, 151, 140


 142, 151, 147


 154, 151, 157


 112, 151, 134


 163, 151, 172

 97, 151, 127


 171, 151, 187

 82, 151, 121


 180, 151, 202

 67, 151, 114


 188, 151, 218

 51, 151, 106


 196, 151, 233


 36, 151, 100

 205, 151, 248

 21, 151, 93

 213, 151, 255

 6, 151, 87

 222, 151, 255

# Harmonies

## Analogous

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



142, 152, 140



142, 151, 147



141, 149, 152

# Triad

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



142, 151, 147



141, 147, 158



160, 146, 148

# Complementary

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



142, 151, 147



147, 142, 151

# 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.



157, 147, 153



142, 151, 147



147, 149, 159

# Square

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



142, 151, 147



138, 146, 155



152, 148, 157



160, 148, 143

# Rectangle

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



142, 151, 147



139, 146, 152



152, 148, 157



159, 146, 149



# Sweetspot

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



142, 151, 147



192, 196, 194



149, 151, 142



97, 99, 98



227, 227, 227



99, 99, 99



# Same Dimension

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



142, 151, 147



183, 196, 190



142, 151, 151



70, 77, 74



0, 140, 78



0, 13, 7



# Inverse Universe

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



147, 142, 151



190, 183, 196



151, 142, 151



74, 70, 77



78, 0, 140



7, 0, 13



# Previews

## White Background



This preview shows how the RYB color 142, 151, 147 looks on a white background.

## Color Contrast Check

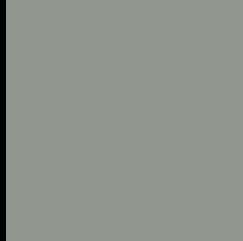
Large Text (above 18pt) WCAG AA × Fail

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 142, 151, 147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

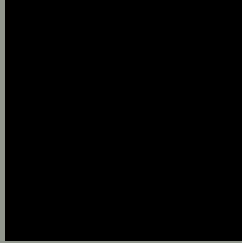
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

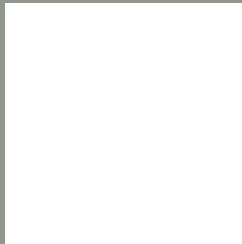
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 142, 151, 147 Background**



This preview shows how black text looks on a background with the RYB color 142, 151, 147.



This preview shows how white text looks on a background with the RYB color 142, 151, 147.

# 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


142, 151, 147

### Protanopia

149, 154, 141

### Deuteranopia

166, 144, 143



**Tritanopia**  
149, 148, 160

# Trichromacy



**Original Color**

142, 151, 147

**Protanomaly**

142, 151, 141

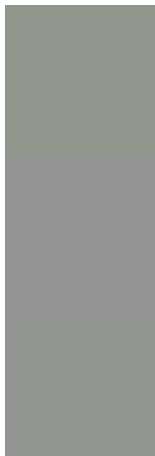
**Deuteranomaly**

159, 148, 143

**Tritanomaly**

148, 149, 153

# Monochromacy



**Original Color**

142, 151, 147

**Achromatopsia**

148, 148, 148

**Achromatomaly**

146, 149, 148

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 142, 151, 147 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(146, 151, 142) looks like.

```
.text, #text, p{  
    color:rgb(146, 151, 142)  
}
```

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(146, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 151, 142) }
```

## Border

The CSS property to change the border of an element to RYB 142, 151, 147 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(146, 151, 142) }
```

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

```
.border{ border-color:rgb(146, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(146, 151,  
142) }
```

# Background

The CSS property to change the background color of an element to RYB 142, 151, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 151, 142) }
```

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

```
.background{ background-color: rgb(146,  
151, 142) }
```

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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