

# Converting Colors

`RYB(144, 147, 147)`

Have a look what the booklet for  
RYB(144, 147, 147) contains.

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# Color

**R<sub>Y</sub>B(144, 147, 147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	909390
RGB	144, 147, 144
RGB Percent	56%, 58%, 56%
CMY	0.4353, 0.4235, 0.4353
CMYK	0.02, 0.00, 0.02, 0.42
HSL	120°, 1%, 57%
HSV	120°, 2%, 58%
XYZ	26.9694, 28.8103, 30.5251
YIQ	145.7610, -0.8250, -1.5690

# Conversions

## Conversions Part 2

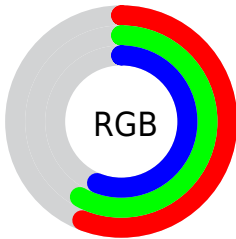
Format	Color
<a href="#">RYB</a>	<a href="#">144, 147, 147</a>
Decimal	<a href="#">9474960</a>
CIELab	<a href="#">60.61, -1.67, 1.20</a>
CIELCh	<a href="#">61, 2.056, 144.432</a>
Yxy	<a href="#">28.8103, 0.3125, 0.3338</a>
Android (android.graphics.Color)	<a href="#">4287665040</a> (0xFF909390)
YUV	<a href="#">145.7610, -0.8682, -1.5444</a>
Hunter-Lab	<a href="#">53.6753, -4.2437, 3.8545</a>

# Details

The RYB color **144, 147, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 144, 147**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **198, 201, 201**, and **94, 97, 97** is the 20% darker color. If you saturate the color by 10%, you get **129, 147, 147**, and if you desaturate by 10%, it is **159, 147, 159**.

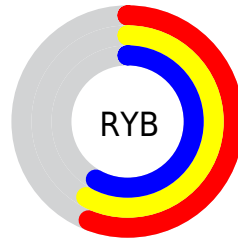
# Distribution



Red (56%)

Green (58%)

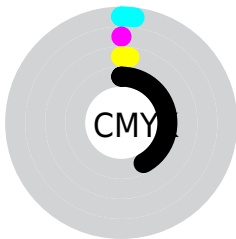
Blue (56%)



Red (56%)

Yellow (58%)

Blue (58%)

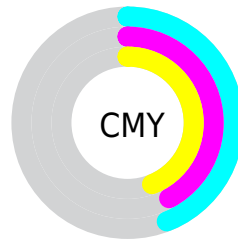


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (42%)



Cyan (44%)

Magenta (42%)


Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 144, 147, 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 144, 147, 147 by changing the saturation by 10% instead.



 144, 147, 147


255, 255, 255

 198, 201, 201


 226, 229, 229

254, 255, 255

 144, 147, 147

 118, 121, 121

 94, 97, 97


 70, 73, 73

 48, 50, 50


 27, 29, 29

 0, 3, 3

 0, 0, 0

 144, 147, 147


 129, 147, 147

 144, 147, 147


 159, 147, 159

 115, 147, 147


 173, 147, 173

 100, 147, 147

 188, 147, 188


 85, 147, 147


 203, 147, 203


 71, 147, 147


 218, 147, 218

 56, 147, 147


 232, 147, 232

 41, 147, 147

 247, 147, 247

 26, 147, 147

 255, 147, 255

 12, 147, 147

# Harmonies

## Analogous

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



143, 147, 144



144, 147, 147



142, 145, 147

# Triad

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



144, 147, 147



144, 146, 150



150, 145, 145

# Complementary

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



144, 147, 147



147, 144, 147

# 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.



150, 145, 147



144, 147, 147



146, 146, 149

# Square

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



144, 147, 147



142, 145, 149



148, 145, 148



150, 146, 143

# Rectangle

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



144, 147, 147



142, 145, 147



148, 145, 148



150, 145, 145



# Sweetspot

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



144, 147, 147



189, 191, 191



144, 147, 144



96, 97, 97



224, 224, 224



97, 97, 97



# Same Dimension

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



144, 147, 147



187, 191, 191



144, 146, 147



72, 74, 74



0, 138, 138



0, 10, 10



# Inverse Universe

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



147, 144, 147



191, 187, 191



147, 144, 146



74, 72, 74



138, 0, 138



10, 0, 10



# Previews

## White Background



This preview shows how the RYB color 144, 147, 147 looks on a white background.

## Color Contrast Check

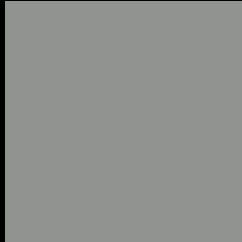
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 147, 147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

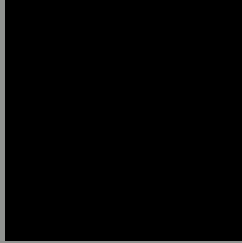
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

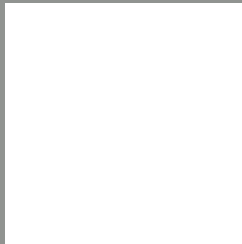
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## R<sub>Y</sub>B 144, 147, 147 Background



This preview shows how black text looks on a background with the R<sub>Y</sub>B color 144, 147, 147.



This preview shows how white text looks on a background with the R<sub>Y</sub>B color 144, 147, 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

144, 147, 147

### Protanopia

149, 146, 143

### Deuteranopia

160, 141, 145



**Tritanopia**  
146, 145, 157

# Trichromacy



## Original Color

144, 147, 147

## Protanomaly

144, 147, 143

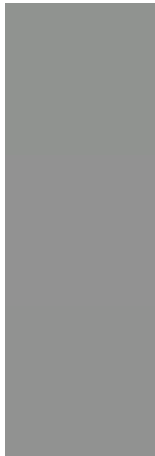
## Deuteranomaly

154, 143, 145

## Tritanomaly

145, 146, 152

# Monochromacy



## Original Color

144, 147, 147

## Achromatopsia

146, 146, 146

## Achromatomaly

145, 146, 146

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 144, 147, 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(144, 147, 144) looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 144)  
}
```

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(144, 147, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 144) }
```

## Border

The CSS property to change the border of an element to RYB 144, 147, 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(144, 147, 144) }
```

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

```
.border{ border-color:rgb(144, 147, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 147, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
144) }
```

# Background

The CSS property to change the background color of an element to RYB 144, 147, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 144) }
```

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

```
.background{ background-color: rgb(144,  
147, 144) }
```

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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