

Converting Colors

`RYB(147, 144, 144)`

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

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Color

RYB(147, 144, 144)

Conversions

Conversions Part 1

Format	Color
Hex	939090
RGB	147, 144, 144
RGB Percent	58%, 56%, 56%
CMY	0.4235, 0.4353, 0.4353
CMYK	0.00, 0.02, 0.02, 0.42
HSL	0°, 1%, 57%
HSV	0°, 2%, 58%
XYZ	27.0399, 28.1632, 30.3964
YIQ	144.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

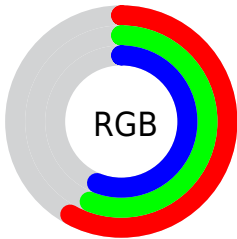
Format	Color
R_{YB}	147, 144, 144
Decimal	9670800
CIE Lab	60.04, 1.10, 0.38
CIE LCh	60, 1.170, 19.150
Yxy	28.1632, 0.3159, 0.3290
Android (android.graphics.Color)	4287860880 (0xFF939090)
YUV	144.8970, -0.4422, 1.8443
Hunter-Lab	53.0690, -1.9207, 3.1886

Details

The RYB color **147, 144, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 146, 147**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **201, 198, 198**, and **96, 94, 94** is the 20% darker color. If you saturate the color by 10%, you get **147, 129, 129**, and if you desaturate by 10%, it is **147, 153, 159**.

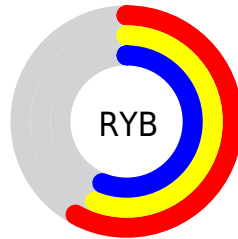
Distribution



Red (58%)

Green (56%)

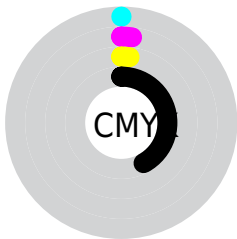
Blue (56%)



Red (58%)

Yellow (56%)

Blue (56%)

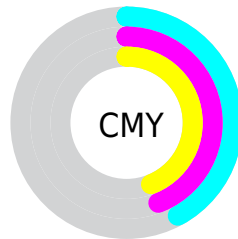


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

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

 147, 144, 144


255, 255, 255

 201, 198, 198


 229, 226, 226

255, 254, 254

 147, 144, 144

 121, 118, 118

 96, 94, 94


 73, 70, 70


 50, 48, 48


 29, 27, 27


 3, 0, 0


 0, 0, 0

 147, 144, 144


 147, 129, 129

 147, 144, 144

 147, 153, 159

 147, 115, 115

 147, 160, 173

 147, 100, 100

 147, 168, 188

 147, 85, 85

 147, 175, 203

 147, 71, 71

 147, 183, 218

 147, 56, 56

 147, 190, 232

 147, 41, 41

 147, 197, 247

 147, 26, 26

 147, 201, 255

 147, 12, 12

Harmonies

Analogous

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



147, 144, 145



147, 144, 144



147, 144, 143

Triad

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



147, 144, 144



143, 145, 144



143, 144, 147

Complementary

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



147, 144, 144



144, 146, 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.



142, 144, 146



147, 144, 144



143, 144, 145

Square

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



147, 144, 144



143, 145, 143



142, 144, 145



144, 145, 147

Rectangle

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



147, 144, 144



146, 145, 143



142, 144, 145



143, 144, 147

Sweetspot

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



147, 144, 144



191, 189, 189



147, 144, 147



97, 96, 96



224, 224, 224



97, 97, 97

Same Dimension

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



147, 144, 144



191, 187, 187



146, 147, 144



74, 72, 72



138, 0, 0



10, 0, 0

Inverse Universe

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



144, 146, 147



187, 189, 191



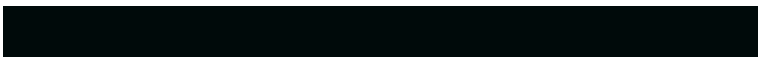
144, 145, 147



72, 73, 74



0, 69, 138



0, 5, 10

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

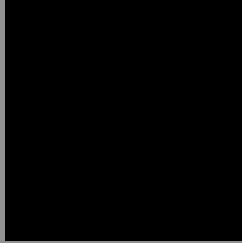
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

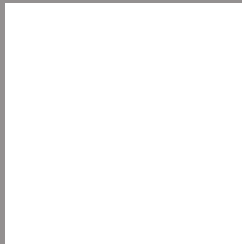
Any Text WCAG AAA × Fail

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

RYB 147, 144, 144 Background



This preview shows how black text looks on a background with the RYB color 147, 144, 144.



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

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

147, 144, 144

Protanopia

147, 144, 144

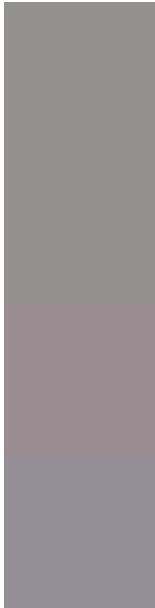
Deuteranopia

158, 140, 145



Tritanopia
148, 142, 154

Trichromacy



Original Color

147, 144, 144

Protanomaly

147, 144, 144

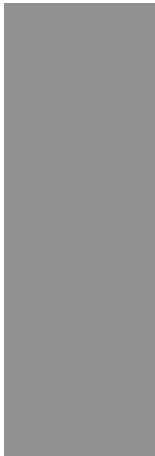
Deuteranomaly

154, 141, 145

Tritanomaly

148, 143, 150

Monochromacy



Original Color

147, 144, 144

Achromatopsia

145, 145, 145

Achromatomaly

146, 145, 145

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(147, 144, 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(147, 144, 144) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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