

Converting Colors

`RYB(144, 147, 151)`

Have a look what the booklet for
RYB(144, 147, 151) contains.

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Color

RYB(144, 147, 151)

Conversions

Conversions Part 1

Format	Color
Hex	909597
RGB	144, 149, 151
RGB Percent	56%, 58%, 59%
CMY	0.4353, 0.4147, 0.4078
CMYK	0.05, 0.01, 0.00, 0.41
HSL	195°, 3%, 58%
HSV	195°, 5%, 59%
XYZ	27.8746, 29.7377, 33.5490
YIQ	147.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

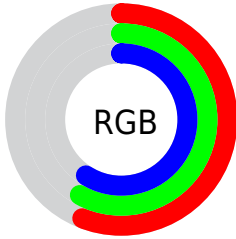
Format	Color
R_YB	144, 147, 151
Decimal	9475479
CIE _{Lab}	61.43, -1.54, -1.59
CIE _{LCh}	61, 2.215, 225.827
Yxy	29.7377, 0.3058, 0.3262
Android (android.graphics.Color)	4287665559 (0xFF909597)
YUV	147.7330, 1.6106, -3.2738
Hunter-Lab	54.5323, -4.1901, 1.6967

Details

The RYB color **144, 147, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 147, 144**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **198, 201, 205**, and **94, 96, 100** is the 20% darker color. If you saturate the color by 10%, you get **129, 138, 151**, and if you desaturate by 10%, it is **159, 154, 151**.

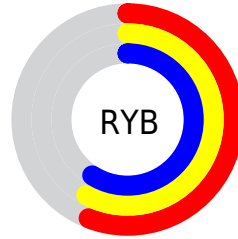
Distribution



Red (56%)

Green (58%)

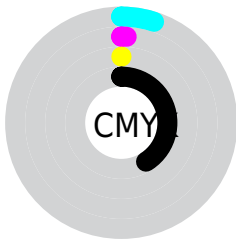
Blue (59%)



Red (56%)

Yellow (58%)

Blue (59%)

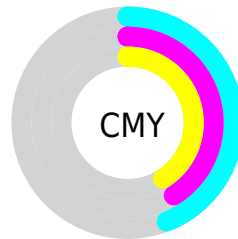


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (41%)



Cyan (44%)


Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 147, 151 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, 151 by changing the saturation by 10% instead.

 144, 147, 151


255, 255, 255

 198, 201, 205


 226, 229, 233


254, 255, 255

 144, 147, 151

 118, 121, 125

 94, 97, 100


 70, 73, 76

 48, 50, 54


 27, 29, 32


 0, 4, 9

 0, 0, 0

 144, 147, 151

 129, 138, 151

 144, 147, 151

 159, 154, 151

■ 114, 130, 151

■ 174, 159, 151

■ 99, 121, 151

■ 189, 165, 151

■ 84, 113, 151

■ 204, 168, 151

■ 69, 104, 151

■ 220, 174, 151

■ 53, 95, 151

■ 235, 179, 151

■ 38, 87, 151

■ 250, 184, 151

■ 23, 78, 151

■ 255, 189, 151

■ 8, 69, 151

■ 255, 197, 151

Harmonies

Analogous

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



144, 147, 150



144, 147, 151



145, 148, 152

Triad

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



144, 147, 151



152, 147, 149



146, 149, 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, 151



151, 147, 144

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.



151, 151, 145



144, 147, 151



153, 147, 147

Square

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



144, 147, 151



150, 147, 151



152, 147, 146



146, 149, 148

Rectangle

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



144, 147, 151



147, 148, 152



152, 147, 146



147, 150, 144

Sweetspot

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



144, 147, 151



194, 195, 196



144, 149, 151



98, 99, 99



227, 227, 227



99, 99, 99

Same Dimension

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



144, 147, 151



185, 190, 196



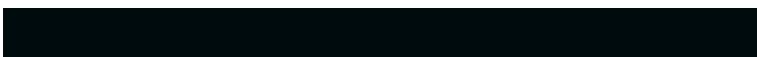
144, 146, 151



71, 73, 77



0, 60, 140



0, 6, 13

Inverse Universe

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



151, 144, 149



196, 185, 193



147, 151, 144



77, 71, 75



140, 0, 105



13, 0, 10

Previews

White Background



This preview shows how the RYB color 144, 147, 151 looks on a white background.

Color Contrast Check

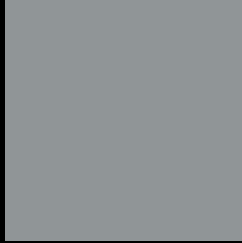
Large Text (above 18pt) WCAG AA ✓ Pass

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, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

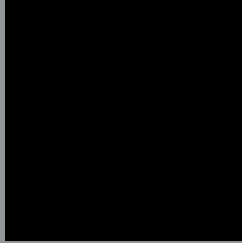
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

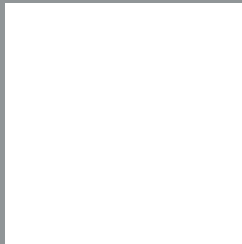
Any Text WCAG AAA × Fail

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

RYB 144, 147, 151 Background



This preview shows how black text looks on a background with the RYB color 144, 147, 151.



This preview shows how white text looks on a background with the RYB color 144, 147, 151.

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, 151

Protanopia

150, 147, 150

Deuteranopia

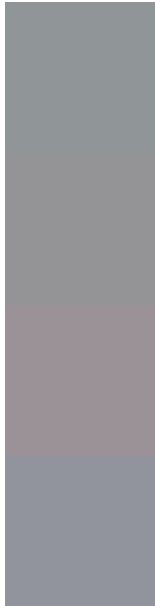
161, 144, 152



Tritanopia

145, 148, 160

Trichromacy



Original Color

144, 147, 151

Protanomaly

148, 148, 150

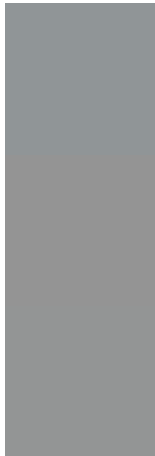
Deuteranomaly

155, 146, 152

Tritanomaly

145, 147, 157

Monochromacy



Original Color

144, 147, 151

Achromatopsia

148, 148, 148

Achromatomaly

147, 148, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 147, 151 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, 149, 151) looks like.

```
.text, #text, p{  
    color:rgb(144, 149, 151)  
}
```

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, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 149, 151) }
```

Border

The CSS property to change the border of an element to RYB 144, 147, 151 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, 149, 151) }
```

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

```
.border{ border-color:rgb(144, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(144, 149,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 144, 147, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 149, 151) }
```

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

```
.background{ background-color: rgb(144,  
149, 151) }
```

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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