

Converting Colors

`RYB(147, 160, 154)`

Have a look what the booklet for
RYB(147, 160, 154) contains.

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Color

R_YB(147, 160, 154)

Conversions

Conversions Part 1

Format	Color
Hex	99A093
RGB	153, 160, 147
RGB Percent	60%, 63%, 58%
CMY	0.4000, 0.3725, 0.4235
CMYK	0.04, 0.00, 0.08, 0.37
HSL	92°, 6%, 60%
HSV	92°, 8%, 63%
XYZ	30.9741, 34.0205, 32.5379
YIQ	156.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

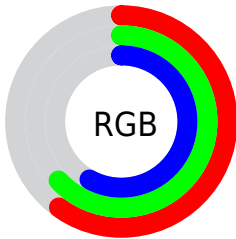
Format	Color
RYB	147, 160, 154
Decimal	10068115
CIELab	64.98, -4.97, 5.91
CIELCh	65, 7.718, 130.074
Yxy	34.0205, 0.3176, 0.3488
Android (android.graphics.Color)	4288258195 (0xFF99A093)
YUV	156.4250, -4.6465, -3.0037
Hunter-Lab	58.3271, -7.2814, 7.7539

Details

The RYB color **147, 160, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 147, 160**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **201, 215, 209**, and **96, 109, 103** is the 20% darker color. If you saturate the color by 10%, you get **131, 160, 147**, and if you desaturate by 10%, it is **162, 160, 163**.

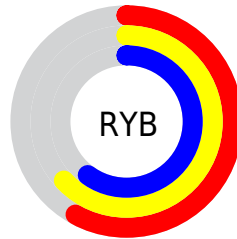
Distribution



Red (60%)

Green (63%)

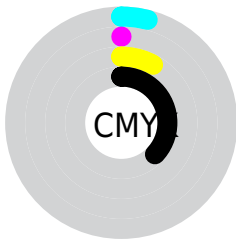
Blue (58%)



Red (58%)

Yellow (63%)

Blue (60%)

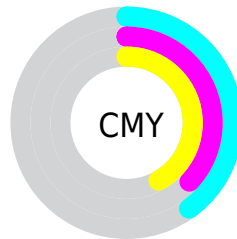


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (37%)



Cyan (40%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 160, 154 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, 160, 154 by changing the saturation by 10% instead.


 147, 160, 154


255, 255, 255

 201, 215, 209

 229, 243, 236

 147, 160, 154

 121, 134, 128

 96, 109, 103

 73, 84, 79

 50, 61, 56


 29, 39, 34


 4, 19, 11

 0, 0, 0


 147, 160, 154


 131, 160, 147

 147, 160, 154


 162, 160, 163

 115, 160, 139


 170, 160, 179

 99, 160, 132


 179, 160, 195

 83, 160, 124


 187, 160, 211

 67, 160, 117

 196, 160, 227

 51, 160, 110


 205, 160, 243


 35, 160, 102

 213, 160, 255

 19, 160, 95

 222, 160, 255

 3, 160, 88

 231, 160, 255

Harmonies

Analogous

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



148, 161, 144



147, 160, 154



146, 156, 161

Triad

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



147, 160, 154



146, 155, 170



173, 153, 155

Complementary

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



147, 160, 154



154, 147, 160

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.



169, 154, 163



147, 160, 154



153, 156, 171

Square

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



147, 160, 154



141, 152, 166



162, 155, 168



172, 155, 149

Rectangle

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



147, 160, 154



142, 153, 162



162, 155, 168



172, 153, 158

Sweetspot

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



147, 160, 154



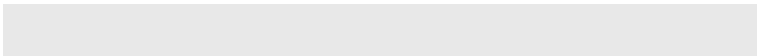
205, 209, 207



158, 160, 147



102, 105, 104



232, 232, 232



105, 105, 105

Same Dimension

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



147, 160, 154



188, 209, 199



147, 160, 160



71, 79, 75



0, 143, 77



0, 15, 8

Inverse Universe

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



154, 147, 160



199, 188, 209



160, 147, 160



75, 71, 79



77, 0, 143



8, 0, 15

Previews

White Background



This preview shows how the RYB color 147, 160, 154 looks on a white background.

Color Contrast Check

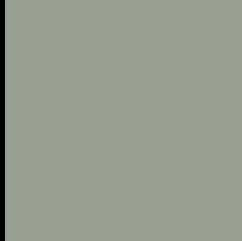
Large Text (above 18pt) WCAG AA × Fail

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 147, 160, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

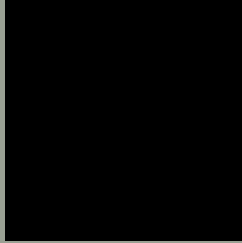
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

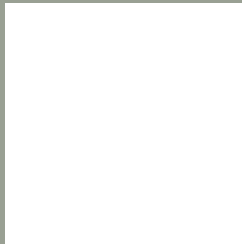
Any Text WCAG AAA ✓ Pass

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

RYB 147, 160, 154 Background



This preview shows how black text looks on a background with the RYB color 147, 160, 154.



This preview shows how white text looks on a background with the RYB color 147, 160, 154.

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, 160, 154

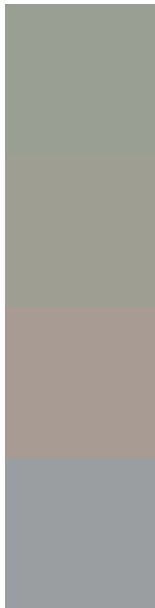
Protanopia
154, 163, 145

Deuteranopia
176, 152, 149



Tritanopia
156, 157, 169

Trichromacy



Original Color

147, 160, 154

Protanomaly

147, 159, 146

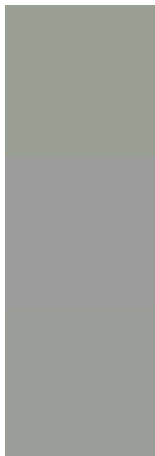
Deuteranomaly

168, 159, 148

Tritanomaly

155, 157, 161

Monochromacy



Original Color

147, 160, 154

Achromatopsia

156, 156, 156

Achromatomaly

153, 157, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 160, 154 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(153, 160, 147) looks like.

```
.text, #text, p{  
    color:rgb(153, 160, 147)  
}
```

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(153, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 160, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 160, 154 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(153, 160, 147) }
```

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

```
.border{ border-color:rgb(153, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(153, 160,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 160, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 160, 147) }
```

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

```
.background{ background-color: rgb(153,  
160, 147) }
```

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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