

Converting Colors

`RYB(148, 167, 152)`

Have a look what the booklet for
RYB(148, 167, 152) contains.

RYB(148, 167, 152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(148, 167, 152)

Conversions

Conversions Part 1

Format	Color
Hex	A3A794
RGB	163, 167, 148
RGB Percent	64%, 65%, 58%
CMY	0.3608, 0.3451, 0.4196
CMYK	0.02, 0.00, 0.11, 0.35
HSL	73°, 10%, 62%
HSV	73°, 11%, 65%
XYZ	34.2683, 37.5621, 33.4610
YIQ	163.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

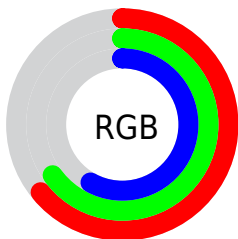
Format	Color
RYB	148, 167, 152
Decimal	10725268
CIELab	67.70, -4.89, 9.34
CIElCh	68, 10.544, 117.657
Yxy	37.5621, 0.3255, 0.3567
Android (android.graphics.Color)	4288915348 (0xFFA3A794)
YUV	163.6380, -7.7095, -0.5595
Hunter-Lab	61.2879, -7.4481, 10.5313

Details

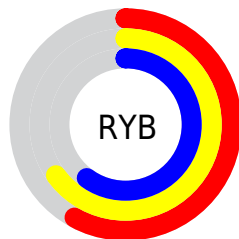
The RYB color **148, 167, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 148, 167**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **202, 222, 206**, and **97, 115, 101** is the 20% darker color. If you saturate the color by 10%, you get **131, 167, 139**, and if you desaturate by 10%, it is **165, 167, 165**.

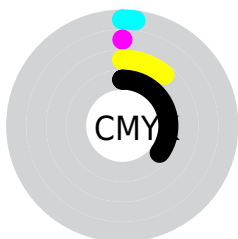
Distribution



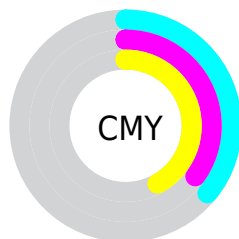
- Red (64%)
- Green (65%)
- Blue (58%)



- Red (58%)
- Yellow (65%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 167, 152 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 148, 167, 152 by changing the saturation by 10% instead.


 148, 167, 152


255, 255, 255

 202, 222, 206


 230, 251, 235

 148, 167, 152

 122, 141, 126

 97, 115, 101

 74, 91, 78

 51, 67, 55

 30, 45, 34


 5, 24, 7

 0, 0, 0

 148, 167, 152

 131, 167, 139

 148, 167, 152

 165, 167, 165

■ 115, 167, 126

■ 170, 167, 181

■ 98, 167, 113

■ 174, 167, 198

■ 81, 167, 99

■ 177, 167, 215

■ 65, 167, 87

■ 181, 167, 231

■ 48, 167, 73

■ 184, 167, 248

■ 31, 167, 60

■ 188, 167, 255

■ 14, 167, 46

■ 191, 167, 255

■ 0, 167, 35

■ 195, 167, 255

Harmonies

Analogous

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



162, 174, 146



148, 167, 152



152, 167, 169

Triad

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



148, 167, 152



145, 159, 181



184, 159, 166

Complementary

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



148, 167, 152



152, 148, 167

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.



177, 160, 175



148, 167, 152



154, 163, 184

Square

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



148, 167, 152



141, 156, 173



166, 163, 182



185, 159, 156

Rectangle

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



148, 167, 152



146, 161, 170



166, 163, 182



182, 159, 169

Sweetspot

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



148, 167, 152



210, 217, 212



167, 153, 148



105, 110, 106



237, 237, 237



110, 110, 110

Same Dimension

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



148, 167, 152



186, 217, 193



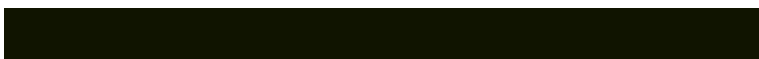
148, 167, 161



76, 84, 78



0, 148, 31



0, 20, 4

Inverse Universe

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



152, 148, 167



193, 186, 217



161, 148, 167



78, 76, 84



31, 0, 148



4, 0, 20

Previews

White Background



This preview shows how the RYB color 148, 167, 152 looks on a white background.

Color Contrast Check

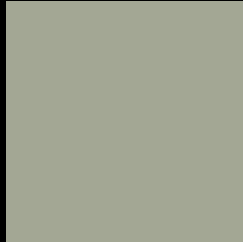
Large Text (above 18pt) WCAG AA × Fail

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 148, 167, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

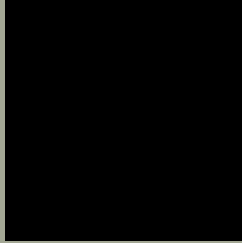
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

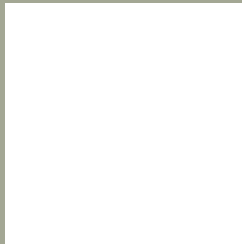
Any Text WCAG AAA ✓ Pass

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

RYB 148, 167, 152 Background



This preview shows how black text looks on a background with the RYB color 148, 167, 152.



This preview shows how white text looks on a background with the RYB color 148, 167, 152.

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
148, 167, 152

Protanopia
159, 172, 147

Deuteranopia
186, 162, 150



Tritanopia
167, 163, 176

Trichromacy



Original Color
148, 167, 152

Protanomaly
152, 169, 147

Deuteranomaly
178, 173, 149

Tritanomaly
166, 164, 166

Monochromacy



Original Color
148, 167, 152

Achromatopsia
164, 164, 164

Achromatomaly
158, 165, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 167, 152 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(163, 167, 148) looks like.

```
.text, #text, p{  
    color:rgb(163, 167, 148)  
}
```

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(163, 167, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 167, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 167, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

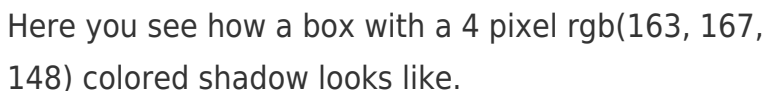
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 167, 148) }
```

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

```
.border{ border-color:rgb(163, 167, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 167, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 167, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 167, 148);  
box-shadow:4px 4px 4px 4px rgb(163, 167,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 167, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 167, 148) }
```

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

```
.background{ background-color: rgb(163,  
167, 148) }
```

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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