

Converting Colors

`RYB(147, 176, 155)`

Have a look what the booklet for
RYB(147, 176, 155) contains.

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Color

R_YB(147, 176, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A8B093
RGB	168, 176, 147
RGB Percent	66%, 69%, 58%
CMY	0.3412, 0.3098, 0.4235
CMYK	0.05, 0.00, 0.16, 0.31
HSL	77°, 16%, 63%
HSV	77°, 16%, 69%
XYZ	36.9402, 41.4821, 33.6636
YIQ	170.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

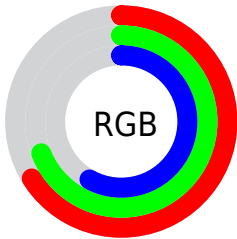
Format	Color
RYB	147, 176, 155
Decimal	11055251
CIELab	70.51, -8.01, 13.92
CIElCh	71, 16.063, 119.921
Yxy	41.4821, 0.3296, 0.3701
Android (android.graphics.Color)	4289245331 (0xFFA8B093)
YUV	170.3020, -11.4879, -2.0189
Hunter-Lab	64.4066, -10.3333, 14.0953

Details

The RYB color **147, 176, 155** is a light color, and the websafe version is hex **999966**. A complement of this color would be **155, 147, 176**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **201, 232, 210**, and **96, 124, 104** is the 20% darker color. If you saturate the color by 10%, you get **129, 176, 142**, and if you desaturate by 10%, it is **165, 176, 168**.

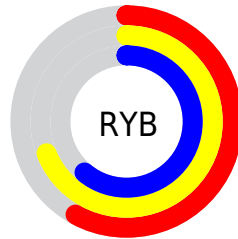
Distribution



Red (66%)

Green (69%)

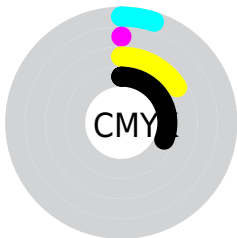
Blue (58%)



Red (58%)

Yellow (69%)

Blue (61%)

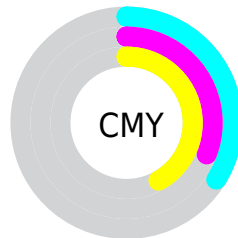


Cyan (5%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 176, 155 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, 176, 155 by changing the saturation by 10% instead.


 147, 176, 155


255, 255, 255

 201, 232, 210


 229, 255, 232

 147, 176, 155

 121, 149, 129

 96, 124, 104

 73, 99, 81

 50, 75, 58

 29, 52, 36

 4, 31, 10

 0, 4, 4

 0, 0, 0

 147, 176, 155

 147, 176, 155

■ 129, 176, 142

■ 165, 176, 168

■ 112, 176, 130

■ 178, 176, 182

■ 94, 176, 117

■ 183, 176, 200

■ 77, 176, 104

■ 187, 176, 217

■ 59, 176, 91

■ 192, 176, 235

■ 41, 176, 78

■ 197, 176, 253

■ 24, 176, 66

■ 202, 176, 255

■ 6, 176, 53

■ 207, 176, 255

■ 0, 176, 49

■ 212, 176, 255

Harmonies

Analogous

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



162, 184, 143



147, 176, 155



152, 175, 179

Triad

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



147, 176, 155



141, 163, 197



201, 162, 173

Complementary

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



147, 176, 155



155, 147, 176

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.



192, 164, 187



147, 176, 155



156, 169, 201

Square

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



147, 176, 155



134, 159, 186



175, 169, 198



203, 163, 159

Rectangle

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



147, 176, 155



142, 166, 181



175, 169, 198



199, 163, 178

Sweetspot

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



147, 176, 155



218, 230, 222



176, 158, 147



108, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



147, 176, 155



184, 230, 197



147, 176, 169



80, 89, 82



0, 153, 42



0, 26, 8

Inverse Universe

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



155, 147, 176



196, 184, 230



169, 147, 176



83, 80, 89



42, 0, 153



7, 0, 26

Previews

White Background



This preview shows how the RYB color 147, 176, 155 looks on a white background.

Color Contrast Check

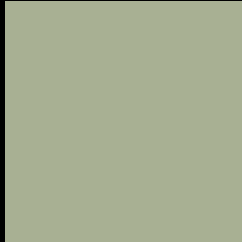
Large Text (above 18pt) WCAG AA × Fail

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, 176, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

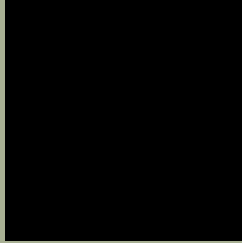
Any Text WCAG AA ✓ Pass

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, 176, 155 Background



This preview shows how black text looks on a background with the RYB color 147, 176, 155.



This preview shows how white text looks on a background with the RYB color 147, 176, 155.

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, 176, 155

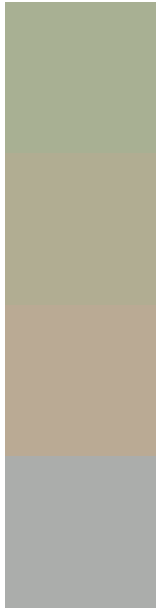
Protanopia
159, 182, 145

Deuteranopia
197, 175, 149



Tritanopia
173, 171, 184

Trichromacy



Original Color
147, 176, 155

Protanomaly
151, 177, 146

Deuteranomaly
176, 186, 148

Tritanomaly
171, 173, 173

Monochromacy



Original Color
147, 176, 155

Achromatopsia
170, 170, 170

Achromatomaly
162, 172, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 176, 155 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(168, 176, 147) looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 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(168, 176, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 176, 155 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(168, 176, 147) }
```

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

```
.border{ border-color:rgb(168, 176, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 147);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 176, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 147) }
```

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

```
.background{ background-color: rgb(168,  
176, 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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