

Converting Colors

`RYB(168, 177, 144)`

Have a look what the booklet for
RYB(168, 177, 144) contains.

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Color

R_YB(168, 177, 144)

Conversions

Conversions Part 1

Format	Color
Hex	B1A390
RGB	177, 163, 144
RGB Percent	69%, 64%, 56%
CMY	0.3059, 0.3604, 0.4353
CMYK	0.00, 0.08, 0.19, 0.31
HSL	35°, 17%, 63%
HSV	35°, 19%, 69%
XYZ	36.2814, 37.5925, 31.7294
YIQ	165.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

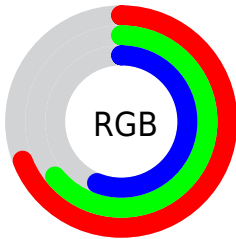
Format	Color
R _Y B	168, 177, 144
Decimal	11641744
CIE Lab	67.72, 1.84, 11.75
CIE LCh	68, 11.891, 81.075
Yxy	37.5925, 0.3436, 0.3560
Android (android.graphics.Color)	4289831824 (0xFFB1A390)
YUV	165.0200, -10.3629, 10.5065
Hunter-Lab	61.3127, -1.6711, 12.2363

Details

The RYB color **168, 177, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 154, 177**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **224, 233, 198**, and **117, 124, 94** is the 20% darker color. If you saturate the color by 10%, you get **162, 177, 126**, and if you desaturate by 10%, it is **172, 177, 162**.

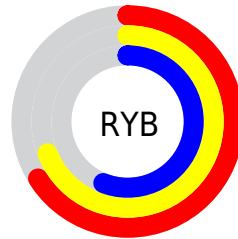
Distribution



Red (69%)

Green (64%)

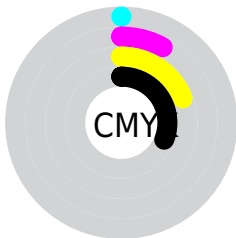
Blue (56%)



Red (66%)

Yellow (69%)

Blue (56%)

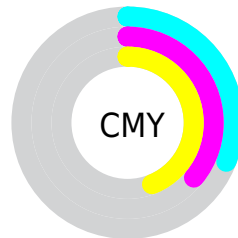


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 177, 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 168, 177, 144 by changing the saturation by 10% instead.

 168, 177, 144

255, 255, 255

 224, 233, 198


 239, 255, 226

254, 255, 254

 168, 177, 144


 140, 150, 118

 114, 124, 94

 90, 99, 70


 67, 75, 48

 44, 52, 27


 15, 32, 0

 0, 0, 0

 168, 177, 144

 162, 177, 126

 168, 177, 144

 172, 177, 162

■ 160, 177, 109

■ 177, 178, 179

■ 153, 177, 91

■ 177, 183, 197

■ 149, 177, 73

■ 177, 188, 215

■ 144, 177, 56

■ 177, 193, 233

■ 141, 177, 38

■ 177, 199, 250

■ 134, 177, 20

■ 177, 203, 255

■ 130, 177, 2

■ 177, 206, 255

■ 130, 177, 0

■ 177, 209, 255

Harmonies

Analogous

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



185, 165, 149



168, 177, 144



145, 167, 146

Triad

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



168, 177, 144



138, 155, 172



176, 160, 179

Complementary

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



168, 177, 144



144, 154, 177

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.



163, 163, 185



168, 177, 144



140, 157, 181

Square

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



168, 177, 144



143, 160, 171



150, 162, 186



185, 158, 169

Rectangle

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



168, 177, 144



149, 169, 161



150, 162, 186



172, 161, 181

Sweetspot

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



168, 177, 144



227, 230, 216



177, 144, 158



115, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



168, 177, 144



218, 230, 179



144, 177, 146



87, 89, 80



110, 153, 0



19, 26, 0

Inverse Universe

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



144, 154, 177



179, 194, 230



146, 144, 177



80, 83, 89



0, 45, 153



0, 8, 26

Previews

White Background



This preview shows how the RYB color 168, 177, 144 looks on a white background.

Color Contrast Check

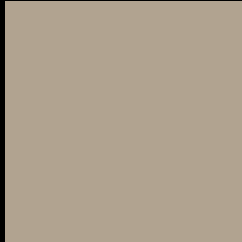
Large Text (above 18pt) WCAG AA × Fail

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 168, 177, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

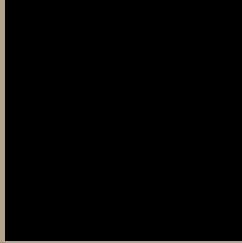
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

R/Y/B 168, 177, 144 Background



This preview shows how black text looks on a background with the R/Y/B color 168, 177, 144.



This preview shows how white text looks on a background with the R/Y/B color 168, 177, 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
168, 177, 144

Protanopia
156, 173, 145

Deuteranopia
188, 166, 145



Tritanopia
181, 159, 172

Trichromacy



Original Color

168, 177, 144

Protanomaly

160, 174, 145

Deuteranomaly

184, 169, 145

Tritanomaly

180, 160, 162

Monochromacy



Original Color

168, 177, 144

Achromatopsia

165, 165, 165

Achromatomaly

166, 169, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 177, 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(177, 163, 144) looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 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(177, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 144) }
```

Border

The CSS property to change the border of an element to RYB 168, 177, 144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

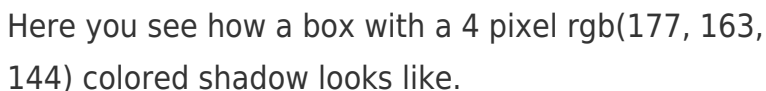
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 163, 144) }
```

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

```
.border{ border-color:rgb(177, 163, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 168, 177, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 144) }
```

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

```
.background{ background-color: rgb(177,  
163, 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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