

Converting Colors

`RYB(117, 168, 144)`

Have a look what the booklet for
RYB(117, 168, 144) contains.

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Color

R_YB(117, 168, 144)

Conversions

Conversions Part 1

Format	Color
Hex	8DA875
RGB	141, 168, 117
RGB Percent	55%, 66%, 46%
CMY	0.4471, 0.3412, 0.5412
CMYK	0.16, 0.00, 0.30, 0.34
HSL	92°, 23%, 56%
HSV	92°, 30%, 66%
XYZ	28.1980, 34.9523, 22.0899
YIQ	154.1130, 0.2790, -21.5850

Conversions

Conversions Part 2

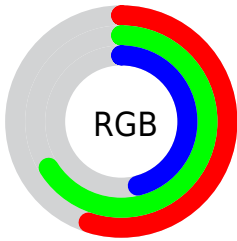
Format	Color
RYB	117, 168, 144
Decimal	9283701
CIELab	65.71, -18.73, 23.36
CIELCh	66, 29.944, 128.719
Yxy	34.9523, 0.3308, 0.4100
Android (android.graphics.Color)	4287473781 (0xFF8DA875)
YUV	154.1130, -18.2967, -11.5001
Hunter-Lab	59.1205, -18.3238, 19.2311

Details

The RYB color **117, 168, 144** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144, 117, 168**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **169, 223, 197**, and **68, 116, 94** is the 20% darker color. If you saturate the color by 10%, you get **100, 168, 136**, and if you desaturate by 10%, it is **134, 168, 152**.

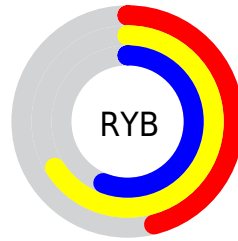
Distribution



Red (55%)

Green (66%)

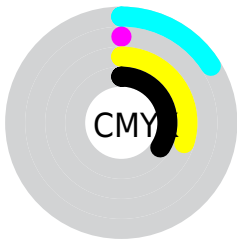
Blue (46%)



Red (46%)

Yellow (66%)

Blue (56%)

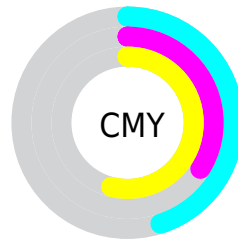


Cyan (16%)

Magenta (0%)

Yellow (30%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 117, 168, 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 117, 168, 144 by changing the saturation by 10% instead.

■ 117, 168, 144

255, 255, 255

■ 169, 223, 197

■ 197, 252, 226

■ 225, 255, 228

254, 255, 254

■ 117, 168, 144

■ 100, 168, 136

■ 117, 168, 144

■ 92, 142, 119

■ 68, 116, 94

■ 45, 91, 70

■ 23, 68, 48


■ 0, 45, 24


■ 0, 26, 26


■ 0, 0, 0

■ 117, 168, 144


■ 134, 168, 152

 83, 168, 128


 151, 168, 160

 67, 168, 121


 167, 168, 167

 50, 168, 113


 177, 168, 184

 33, 168, 104

 185, 168, 201


 16, 168, 96

 194, 168, 218

 0, 168, 89

 203, 168, 235

 212, 168, 251

 221, 168, 255

Harmonies

Analogous

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



119, 171, 106



117, 168, 144



109, 153, 173

Triad

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



117, 168, 144



96, 140, 209



213, 139, 153

Complementary

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



117, 168, 144



144, 117, 168

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.



200, 142, 180



117, 168, 144



136, 154, 212

Square

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



117, 168, 144



71, 126, 192



173, 150, 202



210, 147, 127

Rectangle

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



117, 168, 144



89, 136, 174



173, 150, 202



210, 140, 162

Sweetspot

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



117, 168, 144



200, 219, 210



166, 168, 117



98, 110, 105



237, 237, 237



110, 110, 110

Same Dimension

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



117, 168, 144



140, 219, 181



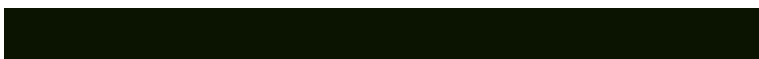
117, 167, 168



76, 84, 80



0, 148, 78



0, 20, 10

Inverse Universe

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



144, 117, 168



182, 140, 219



168, 117, 167



80, 76, 84



78, 0, 148



11, 0, 20

Previews

White Background



This preview shows how the RYB color 117, 168, 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 117, 168, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

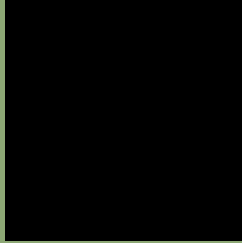
Any Text WCAG AA ✓ Pass

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](#).

RYB 117, 168, 144 Background



This preview shows how black text looks on a background with the RYB color 117, 168, 144.



This preview shows how white text looks on a background with the RYB color 117, 168, 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
117, 168, 144

Protanopia
130, 172, 113

Deuteranopia
187, 185, 120



Tritanopia
149, 157, 174

Trichromacy



Original Color
117, 168, 144

Protanomaly
114, 162, 115

Deuteranomaly
135, 170, 119

Tritanomaly
146, 159, 164

Monochromacy



Original Color
117, 168, 144

Achromatopsia
154, 154, 154

Achromatomaly
141, 159, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 168, 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(141, 168, 117) looks like.

```
.text, #text, p{  
    color:rgb(141, 168, 117)  
}
```

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(141, 168, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 168, 117) }
```

Border

The CSS property to change the border of an element to RYB 117, 168, 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(141, 168, 117) }
```

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

```
.border{ border-color:rgb(141, 168, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 168, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 168, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 168, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 168,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 117, 168, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 168, 117) }
```

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

```
.background{ background-color: rgb(141,  
168, 117) }
```

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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