

Converting Colors

`RYB(136, 117, 118)`

Have a look what the booklet for
RYB(136, 117, 118) contains.

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Color

R_YB(136, 117, 118)

Conversions

Conversions Part 1

Format	Color
Hex	887576
RGB	136, 117, 118
RGB Percent	53%, 46%, 46%
CMY	0.4667, 0.5412, 0.5373
CMYK	0.00, 0.14, 0.13, 0.47
HSL	357°, 8%, 50%
HSV	357°, 14%, 53%
XYZ	19.7846, 19.2648, 19.8153
YIQ	122.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

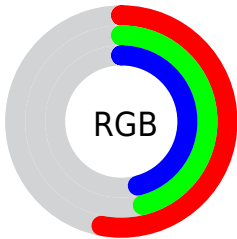
Format	Color
R_{YB}	136, 117, 118
Decimal	8942966
CIE _{Lab}	51.00, 7.55, 2.17
CIE _{LCh}	51, 7.856, 16.046
Yxy	19.2648, 0.3361, 0.3273
Android (android.graphics.Color)	4287133046 (0xFF887576)
YUV	122.7950, -2.3639, 11.5808
Hunter-Lab	43.8917, 3.6502, 3.9573

Details

The RYB color **136, 117, 118** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 127, 136**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **189, 169, 170**, and **86, 69, 70** is the 20% darker color. If you saturate the color by 10%, you get **136, 103, 105**, and if you desaturate by 10%, it is **136, 131, 131**.

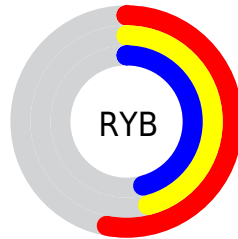
Distribution



Red (53%)

Green (46%)

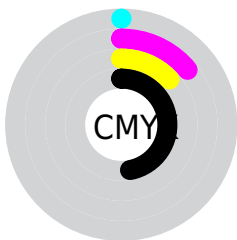
Blue (46%)



Red (53%)

Yellow (46%)

Blue (46%)

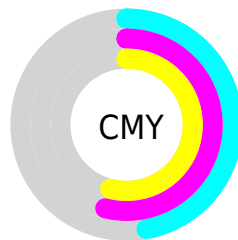


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 117, 118 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 136, 117, 118 by changing the saturation by 10% instead.

 136, 117, 118

255, 255, 255


 189, 169, 170

 217, 196, 197

 246, 224, 225


 255, 253, 254

 136, 117, 118

 111, 92, 93

 86, 69, 70

 63, 46, 48

 40, 26, 27

 21, 0, 0


 0, 0, 0

 136, 117, 118

 136, 103, 105

 136, 90, 92

 136, 117, 118

 136, 131, 131

 136, 140, 144

136, 76, 79

136, 147, 158

136, 63, 66

136, 154, 171

136, 49, 54

136, 161, 185

136, 35, 41

136, 169, 199

136, 22, 28

136, 175, 212

136, 8, 15

136, 182, 226

136, 0, 7

136, 189, 239

Harmonies

Analogous

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



133, 117, 125



136, 117, 118



135, 120, 112

Triad

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



136, 117, 118



112, 124, 121



111, 119, 134

Complementary

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



136, 117, 118



117, 127, 136

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.



106, 117, 131



136, 117, 118



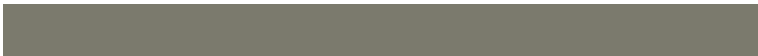
109, 119, 125

Square

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



136, 117, 118



110, 123, 109



105, 115, 125



119, 121, 134

Rectangle

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



136, 117, 118



132, 127, 109



105, 115, 125



109, 118, 133

Sweetspot

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



136, 117, 118



176, 169, 169



135, 117, 136



89, 85, 85



217, 217, 217



89, 89, 89

Same Dimension

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



136, 117, 118



176, 146, 148



136, 131, 117



69, 62, 62



133, 0, 7



5, 0, 0

Inverse Universe

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



136, 117, 118



176, 146, 148



117, 124, 136



69, 62, 62



133, 0, 7



5, 0, 0

Previews

White Background



This preview shows how the RYB color 136, 117, 118 looks on a white background.

Color Contrast Check

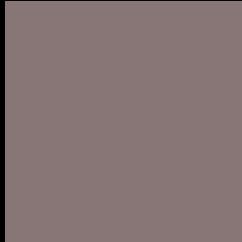
Large Text (above 18pt) WCAG AA ✓ Pass

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 136, 117, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

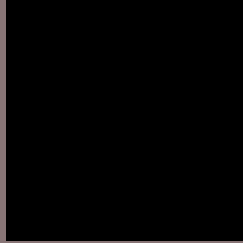
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 136, 117, 118 Background



This preview shows how black text looks on a background with the R Y B color 136, 117, 118.



This preview shows how white text looks on a background with the R Y B color 136, 117, 118.

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


136, 117, 118

Protanopia

124, 121, 120

Deuteranopia

135, 118, 118



Tritanopia
137, 116, 125

Trichromacy



Original Color
136, 117, 118

Protanomaly
128, 120, 119

Deuteranomaly
135, 118, 118

Tritanomaly
137, 116, 122

Monochromacy



Original Color
136, 117, 118

Achromatopsia
123, 123, 123

Achromatomaly
128, 121, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 117, 118 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(136, 117, 118) looks like.

```
.text, #text, p{  
    color:rgb(136, 117, 118)  
}
```

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(136, 117, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 117, 118) }
```

Border

The CSS property to change the border of an element to RYB 136, 117, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

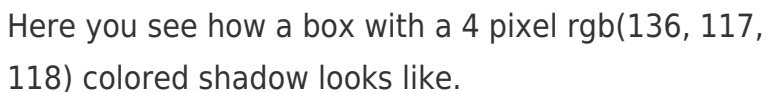
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 117, 118) }
```

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

```
.border{ border-color:rgb(136, 117, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 117, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 117, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 117, 118); box-shadow:4px 4px 4px 4px rgb(136, 117, 118) }
```

Background

The CSS property to change the background color of an element to RYB 136, 117, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 117, 118) }
```

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

```
.background{ background-color: rgb(136,  
117, 118) }
```

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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