

Converting Colors

`RYB(139, 117, 108)`

Have a look what the booklet for
RYB(139, 117, 108) contains.

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Color

R_YB(139, 117, 108)

Conversions

Conversions Part 1

Format	Color
Hex	8B736C
RGB	139, 115, 108
RGB Percent	55%, 45%, 42%
CMY	0.4549, 0.5491, 0.5765
CMYK	0.00, 0.17, 0.22, 0.45
HSL	14°, 13%, 48%
HSV	14°, 22%, 55%
XYZ	19.4821, 18.8274, 16.7946
YIQ	121.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

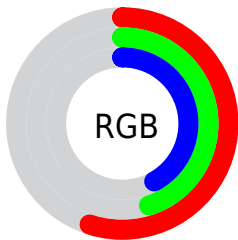
Format	Color
R_{YB}	139, 117, 108
Decimal	9139052
CIE Lab	50.48, 8.23, 7.37
CIE LCh	50, 11.050, 41.832
Yxy	18.8274, 0.3536, 0.3417
Android (android.graphics.Color)	4287329132 (0xFF8B736C)
YUV	121.3780, -6.5954, 15.4545
Hunter-Lab	43.3906, 4.2119, 7.4249

Details

The RYB color **139, 117, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 122, 139**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **193, 169, 159**, and **88, 69, 61** is the 20% darker color. If you saturate the color by 10%, you get **139, 107, 94**, and if you desaturate by 10%, it is **139, 127, 122**.

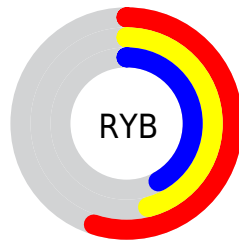
Distribution



Red (55%)

Green (45%)

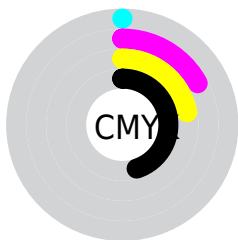
Blue (42%)



Red (55%)

Yellow (46%)

Blue (42%)

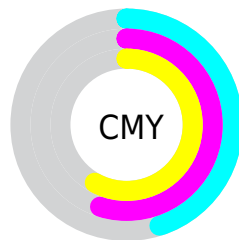


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 139, 117, 108 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 139, 117, 108 by changing the saturation by 10% instead.

 139, 117, 108

255, 255, 255


 193, 169, 159

 221, 196, 186

 250, 224, 214

 248, 255, 242

 139, 117, 108

 139, 107, 94

 139, 97, 80

 139, 117, 108

 113, 92, 84

 88, 69, 61

 65, 47, 39

 42, 26, 18

 21, 0, 0

 0, 0, 0

 139, 117, 108

 139, 127, 122

 139, 138, 136

■ 139, 88, 66

■ 139, 144, 150

■ 139, 78, 52

■ 139, 150, 164

■ 139, 67, 39

■ 139, 156, 178

■ 139, 57, 25

■ 139, 162, 191

■ 139, 48, 11

■ 139, 168, 205

■ 139, 40, 0

■ 139, 174, 219

■ 139, 180, 233

Harmonies

Analogous

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



140, 114, 117



139, 117, 108



133, 133, 103

Triad

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



139, 117, 108



103, 118, 125



115, 119, 138

Complementary

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



139, 117, 108



108, 122, 139

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.



103, 116, 138



139, 117, 108



97, 112, 126

Square

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



139, 117, 108



106, 123, 116



97, 113, 132



127, 117, 134

Rectangle

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



139, 117, 108



111, 127, 101



97, 113, 132



111, 118, 139

Sweetspot

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



139, 117, 108



181, 172, 168



139, 108, 132



92, 87, 84



219, 219, 219



92, 92, 92

Same Dimension

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



139, 117, 108



181, 146, 132



121, 139, 108



69, 65, 62



133, 39, 0



5, 1, 0

Inverse Universe

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



108, 122, 139



132, 153, 181



108, 115, 139



62, 65, 69



0, 58, 133



0, 2, 5

Previews

White Background



This preview shows how the RYB color 139, 117, 108 looks on a white background.

Color Contrast Check

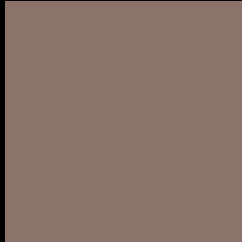
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 117, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

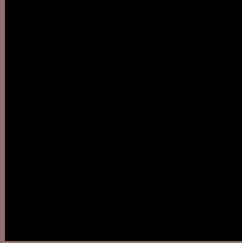
Any Text WCAG AA ✓ Pass

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 139, 117, 108 Background



This preview shows how black text looks on a background with the R Y B color 139, 117, 108.

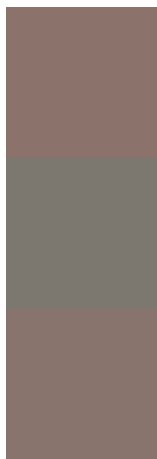


This preview shows how white text looks on a background with the R Y B color 139, 117, 108.

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


139, 117, 108

Protanopia

119, 125, 111

Deuteranopia

136, 119, 108



Tritanopia
141, 113, 122

Trichromacy



Original Color

139, 117, 108

Protanomaly

130, 123, 110

Deuteranomaly

137, 119, 108

Tritanomaly

140, 114, 117

Monochromacy



Original Color

139, 117, 108

Achromatopsia

121, 121, 121

Achromatomaly

128, 120, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 117, 108 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(139, 115, 108)` looks like.

```
.text, #text, p{  
    color:rgb(139, 115, 108)  
}
```

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(139, 115, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 115, 108) }
```

Border

The CSS property to change the border of an element to RYB 139, 117, 108 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(139, 115, 108) }
```

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

```
.border{ border-color:rgb(139, 115, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 115, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 115, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 115, 108);  
box-shadow:4px 4px 4px 4px rgb(139, 115,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 139, 117, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 115, 108) }
```

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

```
.background{ background-color: rgb(139,  
115, 108) }
```

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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