

Converting Colors

`RYB(142, 123, 117)`

Have a look what the booklet for
RYB(142, 123, 117) contains.

RYB(142, 123, 117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(142, 123, 117)

Conversions

Conversions Part 1

Format	Color
Hex	8E7A75
RGB	142, 122, 117
RGB Percent	56%, 48%, 46%
CMY	0.4431, 0.5222, 0.5412
CMYK	0.00, 0.14, 0.18, 0.44
HSL	12°, 10%, 51%
HSV	12°, 18%, 56%
XYZ	21.3060, 20.9146, 19.7436
YIQ	127.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

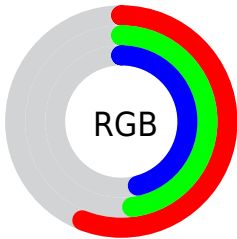
Format	Color
R_{YB}	142, 123, 117
Decimal	9337461
CIE _{Lab}	52.86, 6.94, 5.52
CIE _{LCh}	53, 8.864, 38.479
Yxy	20.9146, 0.3438, 0.3375
Android (android.graphics.Color)	4287527541 (0xFF8E7A75)
YUV	127.4100, -5.1321, 12.7954
Hunter-Lab	45.7325, 3.1281, 6.4161

Details

The RYB color **142, 123, 117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 128, 142**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **196, 175, 169**, and **91, 74, 69** is the 20% darker color. If you saturate the color by 10%, you get **142, 112, 103**, and if you desaturate by 10%, it is **142, 133, 131**.

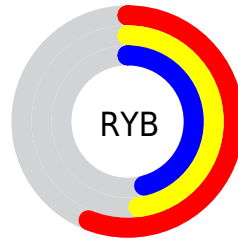
Distribution



Red (56%)

Green (48%)

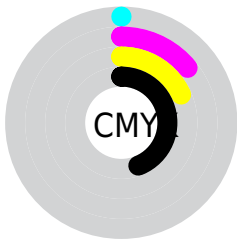
Blue (46%)



Red (56%)

Yellow (48%)

Blue (46%)

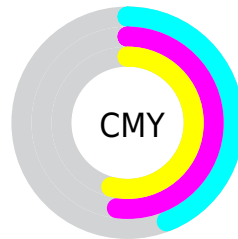


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 123, 117 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 142, 123, 117 by changing the saturation by 10% instead.

 142, 123, 117


255, 255, 255


 196, 175, 169

 224, 204, 196

 253, 232, 224

253, 255, 253


 142, 123, 117


 142, 112, 103

 142, 101, 89

 142, 123, 117

 116, 98, 92


 91, 74, 69


 68, 52, 47

 45, 31, 26

 26, 6, 0

 0, 0, 0

 142, 123, 117

 142, 133, 131

 142, 144, 145

■ 142, 90, 74

■ 142, 150, 160

■ 142, 80, 60

■ 142, 156, 174

■ 142, 70, 46

■ 142, 163, 188

■ 142, 58, 32

■ 142, 169, 202

■ 142, 48, 18

■ 142, 175, 216

■ 142, 37, 3

■ 142, 181, 231

■ 142, 33, 0

■ 142, 188, 245

Harmonies

Analogous

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



142, 121, 124



142, 123, 117



138, 134, 112

Triad

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



142, 123, 117



113, 125, 130



121, 125, 141

Complementary

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



142, 123, 117



117, 128, 142

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.



112, 122, 140



142, 123, 117



108, 120, 131

Square

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



142, 123, 117



114, 129, 122



107, 120, 135



130, 124, 138

Rectangle

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



142, 123, 117



124, 133, 111



107, 120, 135



118, 124, 141

Sweetspot

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



142, 123, 117



184, 177, 174



142, 117, 137



92, 87, 86



219, 219, 219



92, 92, 92

Same Dimension

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



142, 123, 117



184, 155, 145



129, 142, 117



71, 67, 64



135, 32, 0



8, 1, 0

Inverse Universe

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



117, 128, 142



145, 162, 184



117, 123, 142



64, 67, 71



0, 60, 135



0, 3, 8

Previews

White Background



This preview shows how the RYB color 142, 123, 117 looks on a white background.

Color Contrast Check

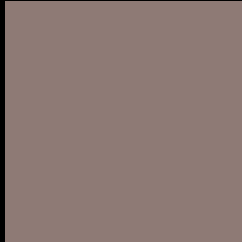
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 123, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

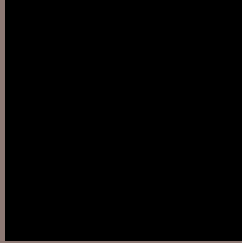
Any Text WCAG AA ✓ Pass

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](#).

RYB 142, 123, 117 Background



This preview shows how black text looks on a background with the RYB color 142, 123, 117.



This preview shows how white text looks on a background with the RYB color 142, 123, 117.

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


[142](#), [123](#), [117](#)

Protanopia

[125](#), [130](#), [119](#)

Deuteranopia

[142](#), [123](#), [117](#)



Tritanopia
144, 120, 129

Trichromacy



Original Color

142, 123, 117

Protanomaly

134, 128, 118

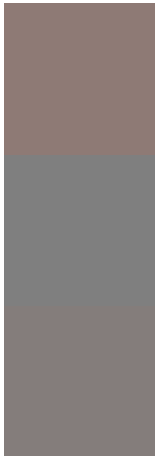
Deuteranomaly

142, 123, 117

Tritanomaly

143, 121, 125

Monochromacy



Original Color

142, 123, 117

Achromatopsia

127, 127, 127

Achromatomaly

132, 126, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 123, 117 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(142, 122, 117) looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 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(142, 122, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 117) }
```

Border

The CSS property to change the border of an element to RYB 142, 123, 117 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(142, 122, 117) }
```

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

```
.border{ border-color:rgb(142, 122, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 142, 123, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 117) }
```

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

```
.background{ background-color: rgb(142,  
122, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor