

Converting Colors

`RYB(124, 133, 117)`

Have a look what the booklet for
RYB(124, 133, 117) contains.

RYB(124, 133, 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(124, 133, 117)

Conversions

Conversions Part 1

Format	Color
Hex	858075
RGB	133, 128, 117
RGB Percent	52%, 50%, 46%
CMY	0.4784, 0.4975, 0.5412
CMYK	0.00, 0.04, 0.12, 0.48
HSL	42°, 6%, 49%
HSV	42°, 12%, 52%
XYZ	20.6199, 21.7433, 19.9397
YIQ	128.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

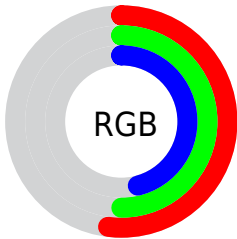
Format	Color
RYB	124, 133, 117
Decimal	8749173
CIELab	53.75, -0.23, 6.69
CIELCh	54, 6.694, 91.928
Yxy	21.7433, 0.3310, 0.3490
Android (android.graphics.Color)	4286939253 (0xFF858075)
YUV	128.2410, -5.5418, 4.1736
Hunter-Lab	46.6297, -2.6682, 7.2873

Details

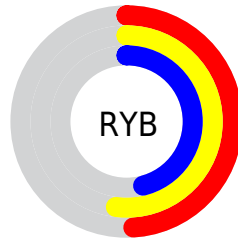
The RYB color **124, 133, 117** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **117, 121, 133**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **176, 186, 169**, and **75, 83, 69** is the 20% darker color. If you saturate the color by 10%, you get **117, 133, 104**, and if you desaturate by 10%, it is **132, 133, 130**.

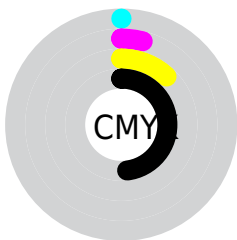
Distribution



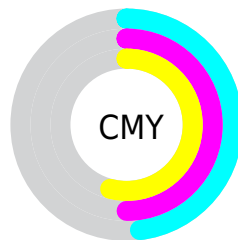
- Red (52%)
- Green (50%)
- Blue (46%)



- Red (49%)
- Yellow (52%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (48%)



- Cyan (48%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 133, 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 124, 133, 117 by changing the saturation by 10% instead.

■ 124, 133, 117

255, 255, 255

■ 176, 186, 169

■ 205, 214, 196

■ 231, 242, 224

253, 255, 253

■ 124, 133, 117

■ 117, 133, 104

■ 109, 133, 90

■ 124, 133, 117

■ 99, 108, 92

■ 75, 83, 69

■ 53, 60, 47

■ 30, 38, 26

■ 7, 18, 0

■ 0, 0, 0

■ 124, 133, 117

■ 132, 133, 130

■ 133, 135, 144

■ 101, 133, 77

■ 133, 138, 157

■ 94, 133, 64

■ 133, 141, 170

■ 86, 133, 50

■ 133, 145, 184

■ 79, 133, 37

■ 133, 148, 197

■ 71, 133, 24

■ 133, 151, 210

■ 64, 133, 11

■ 133, 154, 223

■ 57, 133, 0

■ 133, 157, 237

Harmonies

Analogous

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



138, 131, 118



124, 133, 117



119, 130, 123

Triad

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



124, 133, 117



114, 123, 134



136, 125, 134

Complementary

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



124, 133, 117



117, 121, 133

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.



130, 127, 138



124, 133, 117



117, 125, 138

Square

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



124, 133, 117



116, 125, 132



123, 127, 140



140, 125, 128

Rectangle

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



124, 133, 117



121, 131, 130



123, 127, 140



135, 126, 136

Sweetspot

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



124, 133, 117



169, 173, 166



133, 117, 122



85, 87, 82



214, 214, 214



87, 87, 87

Same Dimension

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



124, 133, 117



159, 173, 149



117, 133, 120



63, 66, 60



58, 130, 0



2, 3, 0

Inverse Universe

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



117, 121, 133



149, 155, 173



120, 117, 133



60, 62, 66



0, 31, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 124, 133, 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 124, 133, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

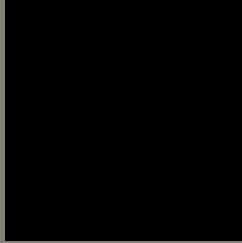
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

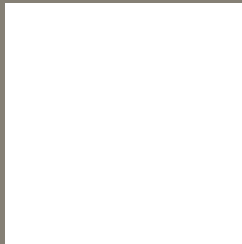
Any Text WCAG AAA × Fail

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

R Y B 124, 133, 117 Background



This preview shows how black text looks on a background with the R Y B color 124, 133, 117.



This preview shows how white text looks on a background with the R Y B color 124, 133, 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
[124](#), [133](#), [117](#)

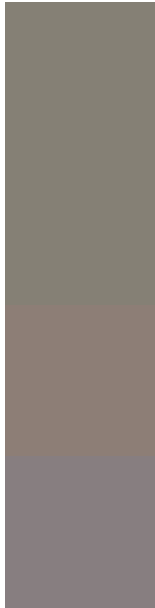
Protanopia
[124](#), [133](#), [117](#)

Deuteranopia
[145](#), [126](#), [118](#)



Tritanopia
136, 125, 135

Trichromacy



Original Color

124, 133, 117

Protanomaly

124, 133, 117

Deuteranomaly

141, 130, 118

Tritanomaly

135, 126, 128

Monochromacy



Original Color

124, 133, 117

Achromatopsia

128, 128, 128

Achromatomaly

127, 130, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 133, 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(133, 128, 117) looks like.

```
.text, #text, p{  
    color:rgb(133, 128, 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(133, 128, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 128, 117) }
```

Border

The CSS property to change the border of an element to RYB 124, 133, 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(133, 128, 117) }
```

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

```
.border{ border-color:rgb(133, 128, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 128, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 128, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 128, 117); box-shadow:4px 4px 4px 4px rgb(133, 128, 117) }
```

Background

The CSS property to change the background color of an element to RYB 124, 133, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 128, 117) }
```

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

```
.background{ background-color: rgb(133,  
128, 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