

Converting Colors

`RYB(159, 134, 132)`

Have a look what the booklet for
RYB(159, 134, 132) contains.

RYB(159, 134, 132)	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(159, 134, 132)

Conversions

Conversions Part 1

Format	Color
Hex	9F8684
RGB	159, 134, 132
RGB Percent	62%, 53%, 52%
CMY	0.3765, 0.4751, 0.4824
CMYK	0.00, 0.16, 0.17, 0.38
HSL	4°, 12%, 57%
HSV	4°, 17%, 62%
XYZ	26.9690, 26.0490, 25.4363
YIQ	141.2470, 15.5420, 4.6780

Conversions

Conversions Part 2

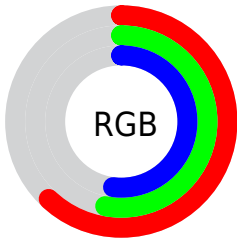
Format	Color
R _Y B	159, 134, 132
Decimal	10454660
CIE Lab	58.08, 9.23, 4.55
CIE LCh	58, 10.294, 26.253
Yxy	26.0490, 0.3438, 0.3320
Android (android.graphics.Color)	4288644740 (0xFF9F8684)
YUV	141.2470, -4.5588, 15.5694
Hunter-Lab	51.0382, 5.0040, 6.1779

Details

The RYB color **159, 134, 132** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **132, 145, 159**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **214, 187, 185**, and **107, 84, 83** is the 20% darker color. If you saturate the color by 10%, you get **159, 119, 116**, and if you desaturate by 10%, it is **159, 149, 148**.

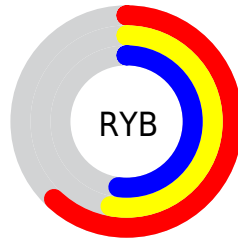
Distribution



Red (62%)

Green (53%)

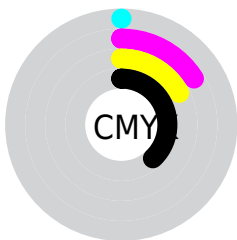
Blue (52%)



Red (62%)

Yellow (53%)

Blue (52%)

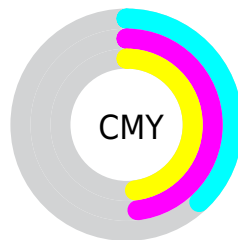


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the RYB color 159, 134, 132 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 159, 134, 132 by changing the saturation by 10% instead.


 159, 134, 132

255, 255, 255

 214, 187, 185

 242, 215, 213

 255, 243, 241

 159, 134, 132

 133, 109, 107

 107, 84, 83

 83, 61, 60

 59, 39, 38


 37, 19, 17

 3, 0, 0

 0, 0, 0

 159, 134, 132

 159, 119, 116

 159, 134, 132

 159, 149, 148

 159, 104, 100

 159, 161, 164

 159, 89, 84

 159, 169, 180

 159, 76, 68

 159, 177, 196

 159, 60, 53

 159, 184, 212

 159, 46, 37

 159, 192, 227

 159, 31, 21

 159, 199, 243

 159, 16, 5

 159, 206, 255

 159, 12, 0

 159, 207, 255

Harmonies

Analogous

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



157, 134, 141



159, 134, 132



156, 142, 125

Triad

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



159, 134, 132



128, 143, 144



129, 137, 157

Complementary

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



159, 134, 132



132, 145, 159

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.



120, 134, 154



159, 134, 132



120, 135, 145

Square

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



159, 134, 132



123, 141, 126



117, 131, 147



140, 138, 156

Rectangle

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



159, 134, 132



146, 151, 122



117, 131, 147



125, 136, 157

Sweetspot

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



159, 134, 132



207, 197, 196



159, 132, 157



105, 99, 98



232, 232, 232



105, 105, 105

Same Dimension

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



159, 134, 132



207, 168, 165



154, 159, 132



79, 72, 71



143, 11, 0



15, 1, 0

Inverse Universe

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



132, 145, 159



165, 185, 207



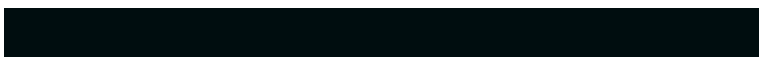
132, 140, 159



71, 75, 79



0, 69, 143



0, 7, 15

Previews

White Background



This preview shows how the RYB color 159, 134, 132 looks on a white background.

Color Contrast Check

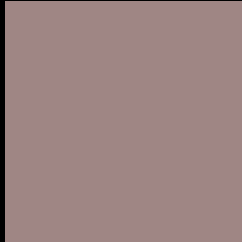
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 134, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

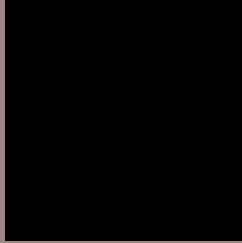
Any Text WCAG AA ✓ Pass

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 159, 134, 132 Background



This preview shows how black text looks on a background with the RYB color 159, 134, 132.



This preview shows how white text looks on a background with the RYB color 159, 134, 132.

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
159, 134, 132

Protanopia
143, 143, 135

Deuteranopia
156, 135, 132



Tritanopia
160, 132, 143

Trichromacy



Original Color

159, 134, 132

Protanomaly

149, 138, 134

Deuteranomaly

157, 135, 132

Tritanomaly

160, 133, 139

Monochromacy



Original Color

159, 134, 132

Achromatopsia

141, 141, 141

Achromatomaly

148, 138, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 134, 132 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(159, 134, 132) looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 132)  
}
```

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(159, 134, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 132) }
```

Border

The CSS property to change the border of an element to RYB 159, 134, 132 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(159, 134, 132) }
```

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

```
.border{ border-color:rgb(159, 134, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 134, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 132);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 159, 134, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 134, 132) }
```

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

```
.background{ background-color: rgb(159,  
134, 132) }
```

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