

Converting Colors

`RYB(158, 145, 144)`

Have a look what the booklet for
RYB(158, 145, 144) contains.

RYB(158, 145, 144)	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(158, 145, 144)

Conversions

Conversions Part 1

Format	Color
Hex	9E9190
RGB	158, 145, 144
RGB Percent	62%, 57%, 56%
CMY	0.3804, 0.4316, 0.4353
CMYK	0.00, 0.08, 0.09, 0.38
HSL	4°, 7%, 59%
HSV	4°, 9%, 62%
XYZ	29.2498, 29.5131, 30.5405
YIQ	148.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

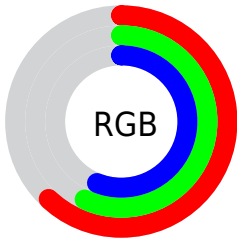
Format	Color
R _Y B	158, 145, 144
Decimal	10391952
CIE Lab	61.23, 4.67, 2.24
CIE LCh	61, 5.184, 25.597
Yxy	29.5131, 0.3275, 0.3305
Android (android.graphics.Color)	4288582032 (0xFF9E9190)
YUV	148.7730, -2.3531, 8.0921
Hunter-Lab	54.3260, 1.0362, 4.6971

Details

The RYB color **158, 145, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 151, 158**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **213, 199, 198**, and **107, 95, 94** is the 20% darker color. If you saturate the color by 10%, you get **158, 130, 128**, and if you desaturate by 10%, it is **158, 159, 160**.

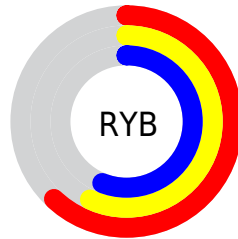
Distribution



Red (62%)

Green (57%)

Blue (56%)



Red (62%)

Yellow (57%)

Blue (56%)

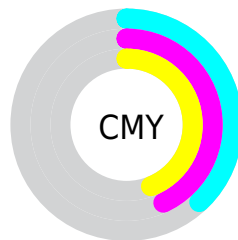


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 145, 144 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 158, 145, 144 by changing the saturation by 10% instead.

 158, 145, 144


255, 255, 255

 213, 199, 198

 241, 227, 226

254, 255, 254

 158, 145, 144

 132, 119, 118

 107, 95, 94

 82, 71, 70

 59, 49, 48


 37, 28, 27

 17, 1, 0

 0, 0, 0

 158, 145, 144

 158, 130, 128

 158, 145, 144

 158, 159, 160

■ 158, 115, 112

■ 158, 166, 176

■ 158, 101, 97

■ 158, 174, 191

■ 158, 86, 81

■ 158, 182, 207

■ 158, 71, 65

■ 158, 189, 223

■ 158, 56, 49

■ 158, 197, 239

■ 158, 43, 33

■ 158, 205, 255

■ 158, 28, 18

■ 158, 207, 255

■ 158, 13, 2

Harmonies

Analogous

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



157, 145, 149



158, 145, 144



156, 150, 140

Triad

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



158, 145, 144



142, 150, 150



142, 146, 157

Complementary

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



158, 145, 144



144, 151, 158

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.



138, 145, 155



158, 145, 144



138, 146, 151

Square

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



158, 145, 144



140, 149, 142



137, 144, 152



148, 147, 156

Rectangle

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



158, 145, 144



152, 154, 139



137, 144, 152



141, 146, 156

Sweetspot

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



158, 145, 144



207, 201, 200



158, 144, 157



105, 101, 100



232, 232, 232



105, 105, 105

Same Dimension

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



158, 145, 144



207, 185, 184



155, 158, 144



79, 72, 71



143, 11, 0



15, 1, 0

Inverse Universe

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



144, 151, 158



184, 195, 207



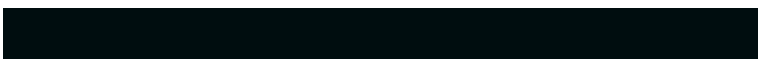
144, 148, 158



71, 75, 79



0, 69, 143



0, 7, 15

Previews

White Background



This preview shows how the RYB color 158, 145, 144 looks on a white background.

Color Contrast Check

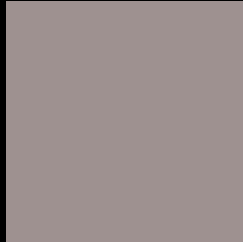
Large Text (above 18pt) WCAG AA ✓ Pass

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 158, 145, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

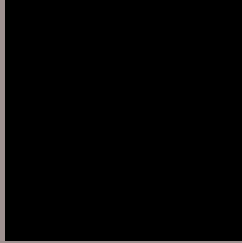
Any Text WCAG AA ✓ Pass

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 158, 145, 144 Background



This preview shows how black text looks on a background with the RYB color 158, 145, 144.



This preview shows how white text looks on a background with the RYB color 158, 145, 144.

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
158, 145, 144

Protanopia
151, 148, 145

Deuteranopia
163, 143, 144



Tritanopia
159, 143, 155

Trichromacy



Original Color

158, 145, 144

Protanomaly

154, 146, 145

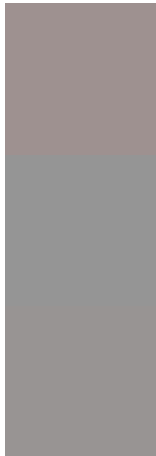
Deuteranomaly

161, 144, 144

Tritanomaly

159, 144, 151

Monochromacy



Original Color

158, 145, 144

Achromatopsia

149, 149, 149

Achromatomaly

152, 148, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 145, 144 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(158, 145, 144) looks like.

```
.text, #text, p{  
    color:rgb(158, 145, 144)  
}
```

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(158, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 145, 144) }
```

Border

The CSS property to change the border of an element to RYB 158, 145, 144 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(158, 145, 144) }
```

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

```
.border{ border-color:rgb(158, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(158, 145,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 158, 145, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 145, 144) }
```

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

```
.background{ background-color: rgb(158,  
145, 144) }
```

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