

# Converting Colors

`RYB(144, 133, 145)`

Have a look what the booklet for  
RYB(144, 133, 145) contains.

<b>RYB(144, 133, 145)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**R<sub>Y</sub>B(144, 133, 145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	908591
RGB	144, 133, 145
RGB Percent	56%, 52%, 57%
CMY	0.4353, 0.4784, 0.4314
CMYK	0.01, 0.08, 0.00, 0.43
HSL	295°, 5%, 55%
HSV	295°, 8%, 57%
XYZ	25.0000, 24.7487, 30.2474
YIQ	137.6570, 2.7040, 6.0640

# Conversions

## Conversions Part 2

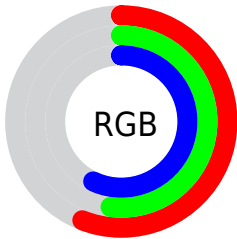
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 133, 145
Decimal	9471377
CIE Lab	56.83, 6.44, -4.93
CIE LCh	57, 8.109, 322.555
Yxy	24.7487, 0.3125, 0.3094
Android (android.graphics.Color)	4287661457 (0xFF908591)
YUV	137.6570, 3.6201, 5.5628
Hunter-Lab	49.7480, 2.6428, -1.2254

# Details

The RYB color **144, 133, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133, 145, 144**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **198, 186, 199**, and **94, 84, 95** is the 20% darker color. If you saturate the color by 10%, you get **143, 119, 145**, and if you desaturate by 10%, it is **145, 148, 148**.

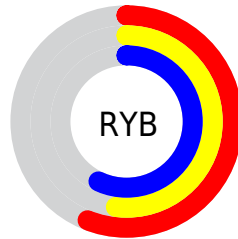
# Distribution



Red (56%)

Green (52%)

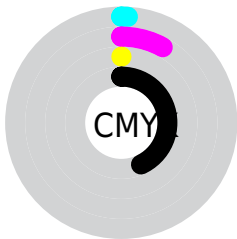
Blue (57%)



Red (56%)

Yellow (52%)

Blue (57%)

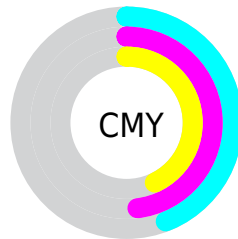


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (44%)

Magenta (48%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 144, 133, 145 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 144, 133, 145 by changing the saturation by 10% instead.



 144, 133, 145


255, 255, 255

 198, 186, 199

 226, 214, 227


 254, 242, 255

 144, 133, 145

 118, 108, 119

 94, 84, 95

 70, 60, 71

 48, 39, 49

 27, 18, 28

 0, 0, 0

 144, 133, 145

 143, 119, 145

 142, 104, 145

 144, 133, 145

 145, 148, 148

 145, 162, 161

■ 140, 90, 145

■ 145, 177, 174

■ 139, 75, 145

■ 145, 191, 187

■ 138, 61, 145

■ 145, 206, 201

■ 137, 46, 145

■ 145, 220, 214

■ 136, 32, 145

■ 145, 235, 228

■ 134, 17, 145

■ 145, 249, 240

■ 133, 3, 145

■ 145, 255, 245

# Harmonies

## Analogous

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



136, 135, 149



144, 133, 145



150, 132, 138

# Triad

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



144, 133, 145



137, 144, 122



119, 130, 141

# Complementary

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



144, 133, 145



133, 145, 144

# 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.



122, 133, 140



144, 133, 145



123, 138, 125

# Square

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



144, 133, 145



150, 137, 125



128, 139, 139



121, 132, 147

# Rectangle

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



144, 133, 145



152, 132, 134



128, 139, 139



119, 131, 141



# Sweetspot

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



144, 133, 145



188, 185, 189



133, 134, 145



94, 92, 94



222, 222, 222



94, 94, 94



# Same Dimension

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



144, 133, 145



187, 170, 189



145, 133, 140



71, 64, 71



124, 0, 135



7, 0, 8



# Inverse Universe

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



145, 133, 134



189, 170, 171



133, 141, 145



71, 64, 65



135, 0, 11



8, 0, 1



# Previews

## White Background



This preview shows how the RYB color 144, 133, 145 looks on a white background.

## Color Contrast Check

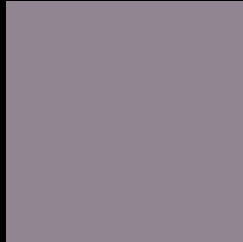
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 133, 145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

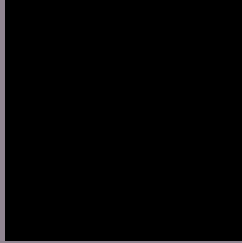
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 144, 133, 145 Background**



This preview shows how black text looks on a background with the RYB color 144, 133, 145.

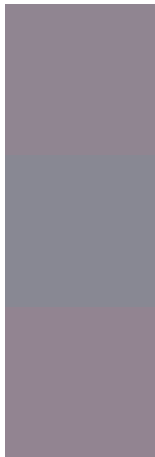


This preview shows how white text looks on a background with the RYB color 144, 133, 145.

# 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**  
144, 133, 145

**Protanopia**  
136, 136, 147

**Deuteranopia**  
146, 132, 145



# Tritanopia

144, 133, 144

# Trichromacy



## Original Color

144, 133, 145

## Protanomaly

139, 135, 146

## Deuteranomaly

145, 132, 145

## Tritanomaly

144, 133, 144

# Monochromacy



## Original Color

144, 133, 145

## Achromatopsia

138, 138, 138

## Achromatomaly

140, 136, 141

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 144, 133, 145 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(144, 133, 145) looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 145)  
}
```

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(144, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 145) }
```

## Border

The CSS property to change the border of an element to RYB 144, 133, 145 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(144, 133, 145) }
```

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

```
.border{ border-color:rgb(144, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
145) }
```

# Background

The CSS property to change the background color of an element to RYB 144, 133, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 133, 145) }
```

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

```
.background{ background-color: rgb(144,  
133, 145) }
```

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