

Converting Colors

`RYB(144, 133, 153)`

Have a look what the booklet for
RYB(144, 133, 153) contains.

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Color

`RYB(144, 133, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	908599
RGB	144, 133, 153
RGB Percent	56%, 52%, 60%
CMY	0.4353, 0.4784, 0.4000
CMYK	0.06, 0.13, 0.00, 0.40
HSL	273°, 9%, 56%
HSV	273°, 13%, 60%
XYZ	25.6389, 25.0043, 33.6120
YIQ	138.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

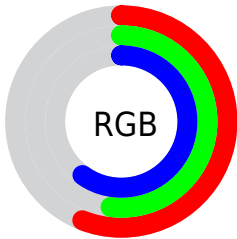
Format	Color
R_{YB}	144, 133, 153
Decimal	9471385
CIE _{Lab}	57.08, 8.07, -9.17
CIE _{LCh}	57, 12.213, 311.342
Yxy	25.0043, 0.3043, 0.2968
Android (android.graphics.Color)	4287661465 (0xFF908599)
YUV	138.5690, 7.1145, 4.7630
Hunter-Lab	50.0043, 4.0156, -4.8507

Details

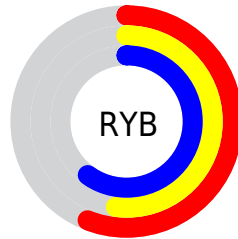
The RYB color **144, 133, 153** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133, 153, 144**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **198, 186, 207**, and **94, 84, 102** is the 20% darker color. If you saturate the color by 10%, you get **137, 118, 153**, and if you desaturate by 10%, it is **151, 148, 153**.

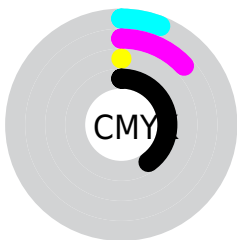
Distribution



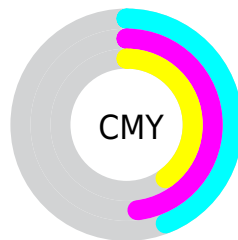
- Red (56%)
- Green (52%)
- Blue (60%)



- Red (56%)
- Yellow (52%)
- Blue (60%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)




- Cyan (44%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 133, 153 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, 153 by changing the saturation by 10% instead.


 144, 133, 153


255, 255, 255


 198, 186, 207


 226, 214, 236

 255, 242, 255

 144, 133, 153

 118, 108, 127

 94, 84, 102


 70, 60, 78

 47, 39, 55


 26, 18, 34


 0, 0, 10

 0, 0, 0

 144, 133, 153

 137, 118, 153

 144, 133, 153

 151, 148, 153

■ 130, 102, 153

■ 153, 164, 159

■ 123, 87, 153

■ 153, 179, 167

■ 116, 72, 153

■ 153, 194, 175

■ 110, 57, 153

■ 153, 210, 185

■ 103, 41, 153

■ 153, 225, 193

■ 96, 26, 153

■ 153, 240, 201

■ 89, 11, 153

■ 153, 255, 209

■ 84, 0, 153

■ 153, 255, 202

Harmonies

Analogous

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



131, 136, 158



144, 133, 153



154, 130, 144

Triad

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



144, 133, 153



152, 150, 117



111, 128, 143

Complementary

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



144, 133, 153



133, 153, 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.



118, 135, 143



144, 133, 153



119, 141, 116

Square

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



144, 133, 153



158, 133, 123



121, 141, 133



110, 128, 151

Rectangle

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



144, 133, 153



158, 130, 137



121, 141, 133



112, 129, 143

Sweetspot

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



144, 133, 153



195, 191, 199



133, 139, 153



97, 94, 99



227, 227, 227



99, 99, 99

Same Dimension

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



144, 133, 153



185, 167, 199



153, 133, 152



73, 69, 77



77, 0, 140



7, 0, 13

Inverse Universe

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



153, 133, 142



199, 167, 181



133, 152, 153



77, 69, 72



140, 0, 63



13, 0, 6

Previews

White Background



This preview shows how the RYB color 144, 133, 153 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, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

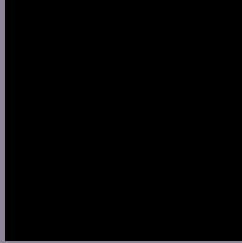
Any Text WCAG AA ✓ Pass

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, 153 Background



This preview shows how black text looks on a background with the RYB color 144, 133, 153.



This preview shows how white text looks on a background with the RYB color 144, 133, 153.

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](#).

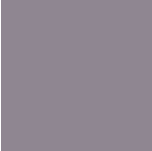
Dichromacy



Original Color
144, 133, 153

Protanopia
134, 136, 155

Deuteranopia
143, 133, 153



Tritanopia
143, 134, 145

Trichromacy



Original Color

144, 133, 153

Protanomaly

138, 135, 154

Deuteranomaly

143, 133, 153

Tritanomaly

143, 134, 148

Monochromacy



Original Color

144, 133, 153

Achromatopsia

139, 139, 139

Achromatomaly

141, 137, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 133, 153 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, 153) looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 153) }
```

Border

The CSS property to change the border of an element to RYB 144, 133, 153 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, 153) }
```

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

```
.border{ border-color:rgb(144, 133, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 144, 133, 153 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, 153) }
```

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

```
.background{ background-color: rgb(144,  
133, 153) }
```

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](#).

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