

Converting Colors

`RYB(154, 141, 136)`

Have a look what the booklet for
RYB(154, 141, 136) contains.

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Color

R_YB(154, 141, 136)

Conversions

Conversions Part 1

Format	Color
Hex	9A8C88
RGB	154, 140, 136
RGB Percent	60%, 55%, 53%
CMY	0.3961, 0.4513, 0.4667
CMYK	0.00, 0.09, 0.12, 0.40
HSL	13°, 8%, 57%
HSV	13°, 12%, 60%
XYZ	27.1357, 27.3784, 27.1469
YIQ	143.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

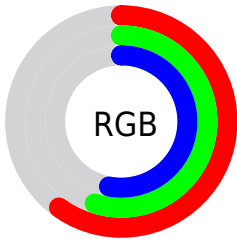
Format	Color
R_{YB}	154, 141, 136
Decimal	10128520
CIE Lab	59.32, 4.57, 3.99
CIE LCh	59, 6.063, 41.141
Yxy	27.3784, 0.3323, 0.3353
Android (android.graphics.Color)	4288318600 (0xFF9A8C88)
YUV	143.7300, -3.8109, 9.0068
Hunter-Lab	52.3243, 1.0037, 5.8662

Details

The RYB color **154, 141, 136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **136, 144, 154**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **208, 196, 189**, and **103, 91, 86** is the 20% darker color. If you saturate the color by 10%, you get **154, 130, 121**, and if you desaturate by 10%, it is **154, 153, 151**.

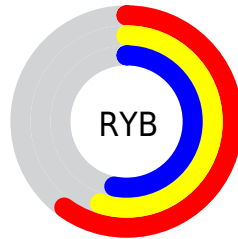
Distribution



Red (60%)

Green (55%)

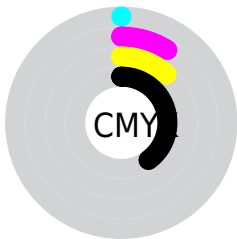
Blue (53%)



Red (60%)

Yellow (55%)

Blue (53%)

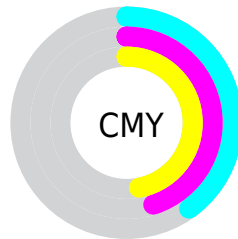


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (40%)



Cyan (40%)


Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 141, 136 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 154, 141, 136 by changing the saturation by 10% instead.

 154, 141, 136

255, 255, 255

 208, 194, 189

 237, 222, 217

 255, 255, 245


 154, 141, 136

 128, 115, 111

 103, 91, 86


 79, 68, 63

 56, 45, 41


 34, 25, 21


 4, 0, 0


 0, 0, 0

 154, 141, 136

 154, 130, 121

 154, 141, 136

 154, 153, 151

 154, 119, 105

 154, 160, 167

 154, 108, 90

 154, 166, 182

 154, 97, 74

 154, 173, 198

 154, 86, 59

 154, 180, 213

 154, 75, 44

 154, 187, 228

 154, 64, 28

 154, 193, 244

 154, 51, 13

 154, 199, 255

 154, 42, 0

 154, 203, 255

Harmonies

Analogous

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



154, 139, 141



154, 141, 136



151, 147, 133

Triad

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



154, 141, 136



134, 142, 146



140, 142, 153

Complementary

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



154, 141, 136



136, 144, 154

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.



134, 141, 153



154, 141, 136



130, 138, 146

Square

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



154, 141, 136



135, 145, 141



130, 139, 150



146, 141, 151

Rectangle

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



154, 141, 136



140, 147, 132



130, 139, 150



138, 142, 153

Sweetspot

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



154, 141, 136



201, 196, 193



154, 136, 150



102, 98, 97



230, 230, 230



102, 102, 102

Same Dimension

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



154, 141, 136



201, 181, 173



143, 154, 136



77, 72, 69



140, 38, 0



13, 4, 0

Inverse Universe

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



136, 144, 154



173, 185, 201



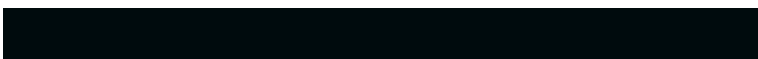
136, 140, 154



69, 72, 77



0, 62, 140



0, 6, 13

Previews

White Background



This preview shows how the RYB color 154, 141, 136 looks on a white background.

Color Contrast Check

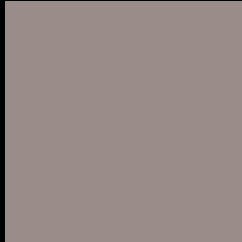
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 141, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

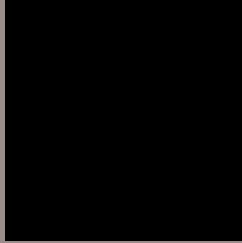
Any Text WCAG AA ✓ Pass

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](#).

RGB 154, 141, 136 Background



This preview shows how black text looks on a background with the RGB color 154, 141, 136.



This preview shows how white text looks on a background with the RGB color 154, 141, 136.

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
154, 141, 136

Protanopia
147, 147, 137

Deuteranopia
159, 138, 136



Tritanopia
156, 138, 149

Trichromacy



Original Color

154, 141, 136

Protanomaly

150, 143, 137

Deuteranomaly

157, 140, 136

Tritanomaly

155, 139, 144

Monochromacy



Original Color

154, 141, 136

Achromatopsia

144, 144, 144

Achromatomaly

148, 144, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 141, 136 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(154, 140, 136) looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 136)  
}
```

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(154, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 136) }
```

Border

The CSS property to change the border of an element to RYB 154, 141, 136 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(154, 140, 136) }
```

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

```
.border{ border-color:rgb(154, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 154, 141, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 136) }
```

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

```
.background{ background-color: rgb(154,  
140, 136) }
```

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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