

Converting Colors

`RYB(153, 135, 127)`

Have a look what the booklet for
RYB(153, 135, 127) contains.

RYB(153, 135, 127)	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(153, 135, 127)

Conversions

Conversions Part 1

Format	Color
Hex	99857F
RGB	153, 133, 127
RGB Percent	60%, 52%, 50%
CMY	0.4000, 0.4780, 0.5020
CMYK	0.00, 0.13, 0.17, 0.40
HSL	14°, 11%, 55%
HSV	14°, 17%, 60%
XYZ	25.3713, 25.1119, 23.5885
YIQ	138.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

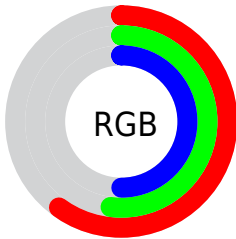
Format	Color
R_{YB}	153, 135, 127
Decimal	10061183
CIE Lab	57.18, 6.49, 6.06
CIE LCh	57, 8.879, 43.053
Yxy	25.1119, 0.3425, 0.3390
Android (android.graphics.Color)	4288251263 (0xFF99857F)
YUV	138.2960, -5.5689, 12.8954
Hunter-Lab	50.1118, 2.6778, 7.1693

Details

The RYB color **153, 135, 127** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **127, 138, 153**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **208, 188, 180**, and **102, 86, 78** is the 20% darker color. If you saturate the color by 10%, you get **153, 124, 112**, and if you desaturate by 10%, it is **153, 146, 142**.

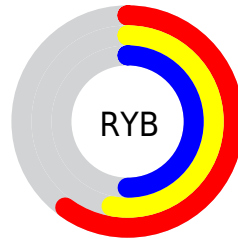
Distribution



Red (60%)

Green (52%)

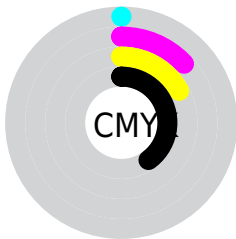
Blue (50%)



Red (60%)

Yellow (53%)

Blue (50%)

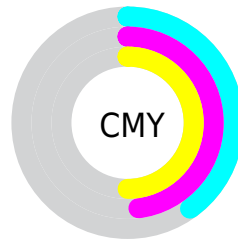


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (40%)



Cyan (40%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 135, 127 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 153, 135, 127 by changing the saturation by 10% instead.

 153, 135, 127


255, 255, 255

 208, 188, 180

 236, 216, 207

 255, 246, 235

 153, 135, 127

 127, 110, 102

 102, 86, 78

 77, 63, 55

 54, 41, 34

 33, 20, 12

 0, 0, 0

 153, 135, 127

 153, 124, 112

 153, 115, 96

 153, 135, 127

 153, 146, 142

 153, 155, 158

■ 153, 103, 81

■ 153, 162, 173

■ 153, 92, 66

■ 153, 168, 188

■ 153, 82, 51

■ 153, 175, 204

■ 153, 72, 35

■ 153, 181, 219

■ 153, 60, 20

■ 153, 188, 234

■ 153, 51, 5

■ 153, 195, 249

■ 153, 47, 0

■ 153, 199, 255

Harmonies

Analogous

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



154, 132, 134



153, 135, 127



148, 146, 123

Triad

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



153, 135, 127



123, 136, 142



133, 136, 152

Complementary

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



153, 135, 127



127, 138, 153

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.



124, 134, 152



153, 135, 127



118, 131, 142

Square

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



153, 135, 127



126, 140, 135



119, 132, 148



143, 134, 149

Rectangle

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



153, 135, 127



130, 143, 122



119, 132, 148



130, 136, 153

Sweetspot

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



153, 135, 127



199, 192, 189



153, 127, 147



99, 96, 93



227, 227, 227



99, 99, 99

Same Dimension

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



153, 135, 127



199, 171, 159



137, 153, 127



77, 72, 69



140, 43, 0



13, 4, 0

Inverse Universe

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



127, 138, 153



159, 176, 199



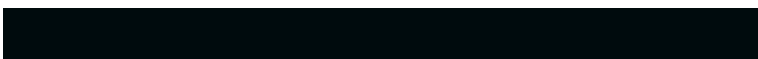
127, 133, 153



69, 72, 77



0, 61, 140



0, 6, 13

Previews

White Background



This preview shows how the RYB color 153, 135, 127 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 153, 135, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

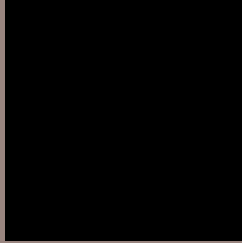
Any Text WCAG AA ✓ Pass

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 153, 135, 127 Background



This preview shows how black text looks on a background with the RYB color 153, 135, 127.



This preview shows how white text looks on a background with the RYB color 153, 135, 127.

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
153, 135, 127

Protanopia
137, 142, 129

Deuteranopia
154, 135, 127



Tritanopia
155, 131, 141

Trichromacy



Original Color

153, 135, 127

Protanomaly

146, 142, 128

Deuteranomaly

154, 135, 127

Tritanomaly

154, 132, 136

Monochromacy



Original Color

153, 135, 127

Achromatopsia

138, 138, 138

Achromatomaly

143, 137, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 135, 127 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(153, 133, 127) looks like.

```
.text, #text, p{  
    color:rgb(153, 133, 127)  
}
```

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(153, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 133, 127) }
```

Border

The CSS property to change the border of an element to RYB 153, 135, 127 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(153, 133, 127) }
```

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

```
.border{ border-color:rgb(153, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(153, 133,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 153, 135, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 133, 127) }
```

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

```
.background{ background-color: rgb(153,  
133, 127) }
```

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