

Converting Colors

`RYB(137, 127, 154)`

Have a look what the booklet for
RYB(137, 127, 154) contains.

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Color

R_YB(137, 127, 154)

Conversions

Conversions Part 1

Format	Color
Hex	897F9A
RGB	137, 127, 154
RGB Percent	54%, 50%, 60%
CMY	0.4627, 0.5020, 0.3961
CMYK	0.11, 0.18, 0.00, 0.40
HSL	262°, 12%, 55%
HSV	262°, 18%, 60%
XYZ	23.7386, 22.8302, 33.7274
YIQ	133.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

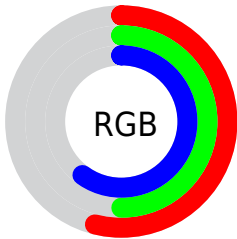
Format	Color
R_{YB}	137, 127, 154
Decimal	9011098
CIE _{Lab}	54.90, 9.29, -13.09
CIE _{LCh}	55, 16.047, 305.363
Yxy	22.8302, 0.2956, 0.2843
Android (android.graphics.Color)	4287201178 (0xFF897F9A)
YUV	133.0680, 10.3195, 3.4484
Hunter-Lab	47.7810, 5.0661, -8.4046

Details

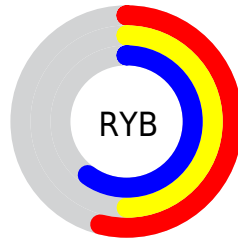
The RYB color **137, 127, 154** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 154, 137**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **191, 180, 208**, and **87, 78, 103** is the 20% darker color. If you saturate the color by 10%, you get **127, 112, 154**, and if you desaturate by 10%, it is **147, 142, 154**.

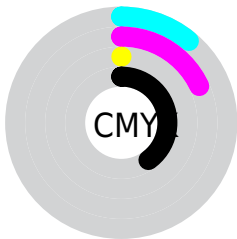
Distribution



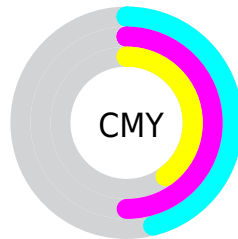
- Red (54%)
- Green (50%)
- Blue (60%)



- Red (54%)
- Yellow (50%)
- Blue (60%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 127, 154 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 137, 127, 154 by changing the saturation by 10% instead.

■ 137, 127, 154

255, 255, 255

■ 191, 180, 208

■ 218, 207, 237

■ 247, 235, 255

■ 137, 127, 154

■ 112, 102, 128

■ 87, 78, 103

■ 63, 55, 79

■ 41, 34, 56

■ 21, 12, 34

■ 0, 0, 10

■ 0, 0, 0

■ 137, 127, 154

■ 127, 112, 154

■ 137, 127, 154

■ 147, 142, 154

■ 118, 96, 154

■ 154, 158, 156

■ 108, 81, 154

■ 154, 173, 161

■ 98, 65, 154

■ 154, 189, 167

■ 89, 50, 154

■ 154, 204, 173

■ 79, 35, 154

■ 154, 219, 178

■ 69, 19, 154

■ 154, 235, 184

■ 59, 4, 154

■ 154, 250, 189

■ 57, 0, 154

■ 154, 255, 185

Harmonies

Analogous

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



119, 129, 159



137, 127, 154



152, 123, 143

Triad

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



137, 127, 154



152, 143, 107



97, 120, 139

Complementary

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



137, 127, 154



127, 154, 137

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.



109, 131, 138



137, 127, 154



116, 140, 104

Square

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



137, 127, 154



159, 124, 116



109, 135, 120



94, 118, 147

Rectangle

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



137, 127, 154



158, 122, 134



109, 135, 120



100, 122, 139

Sweetspot

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



137, 127, 154



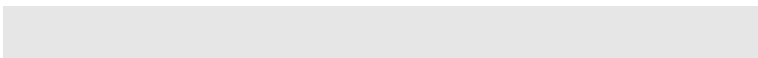
195, 191, 201



127, 137, 154



98, 96, 102



230, 230, 230



102, 102, 102

Same Dimension

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



137, 127, 154



175, 159, 201



150, 127, 154



72, 69, 77



52, 0, 140



5, 0, 13

Inverse Universe

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



154, 127, 144



201, 159, 186



127, 154, 150



77, 69, 74



140, 0, 88



13, 0, 8

Previews

White Background



This preview shows how the RYB color 137, 127, 154 looks on a white background.

Color Contrast Check

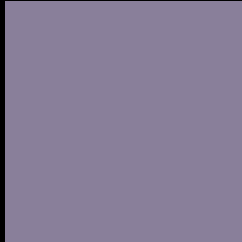
Large Text (above 18pt) WCAG AA ✓ Pass

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 137, 127, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

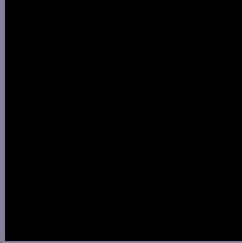
Any Text WCAG AA ✓ Pass

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 137, 127, 154 Background



This preview shows how black text looks on a background with the RYB color 137, 127, 154.



This preview shows how white text looks on a background with the RYB color 137, 127, 154.

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

137, 127, 154

Protanopia

126, 130, 156

Deuteranopia

133, 128, 154



Tritanopia
135, 129, 140

Trichromacy



Original Color

137, 127, 154

Protanomaly

130, 129, 155

Deuteranomaly

134, 128, 154

Tritanomaly

136, 128, 145

Monochromacy



Original Color

137, 127, 154

Achromatopsia

133, 133, 133

Achromatomaly

134, 131, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 127, 154 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(137, 127, 154) looks like.

```
.text, #text, p{  
    color:rgb(137, 127, 154)  
}
```

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(137, 127, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 154) }
```

Border

The CSS property to change the border of an element to RYB 137, 127, 154 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(137, 127, 154) }
```

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

```
.border{ border-color:rgb(137, 127, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 127, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 127, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 127, 154);  
box-shadow:4px 4px 4px 4px rgb(137, 127,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 137, 127, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 154) }
```

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

```
.background{ background-color: rgb(137,  
127, 154) }
```

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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