

Converting Colors

`RYB(137, 54, 119)`

Have a look what the booklet for
RYB(137, 54, 119) contains.

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Color

R_YB(137, 54, 119)

Conversions

Conversions Part 1

Format	Color
Hex	893677
RGB	137, 54, 119
RGB Percent	54%, 21%, 47%
CMY	0.4627, 0.7882, 0.5333
CMYK	0.00, 0.61, 0.13, 0.46
HSL	313°, 43%, 37%
HSV	313°, 61%, 54%
XYZ	14.9655, 9.2886, 18.4569
YIQ	86.2270, 28.6030, 37.8110

Conversions

Conversions Part 2

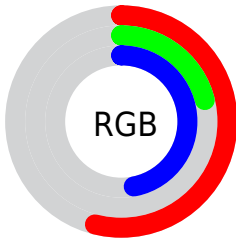
Format	Color
R_{YB}	137, 54, 119
Decimal	8992375
CIE _{Lab}	36.53, 43.55, -20.11
CIE _{LCh}	37, 47.973, 335.215
Yxy	9.2886, 0.3504, 0.2175
Android (android.graphics.Color)	4287182455 (0xFF893677)
YUV	86.2270, 16.1571, 44.5279
Hunter-Lab	30.4772, 34.3151, -14.5717

Details

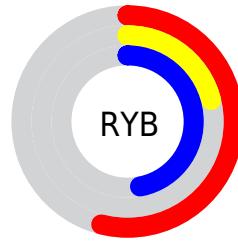
The RYB color **137, 54, 119** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **54, 122, 137**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **192, 106, 171**, and **84, 0, 70** is the 20% darker color. If you saturate the color by 10%, you get **137, 40, 116**, and if you desaturate by 10%, it is **137, 68, 122**.

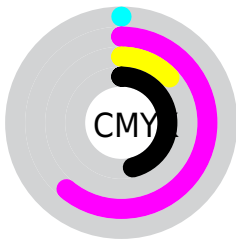
Distribution



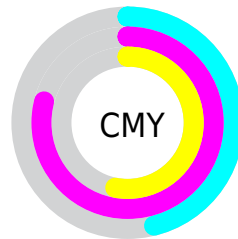
- Red (54%)
- Green (21%)
- Blue (47%)



- Red (54%)
- Yellow (21%)
- Blue (47%)



- Cyan (0%)
- Magenta (61%)
- Yellow (13%)
- Black (46%)



- Cyan (46%)
- Magenta (79%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the RYB color 137, 54, 119 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, 54, 119 by changing the saturation by 10% instead.

 137, 54, 119


 137, 54, 119

255, 255, 255


 110, 27, 94

 192, 106, 171

 84, 0, 70

 221, 132, 199

 59, 0, 48

 250, 159, 227

 36, 0, 27

 255, 187, 255

 0, 0, 0

 255, 215, 255

 255, 244, 255

 137, 54, 119

 137, 54, 119

 137, 40, 116

 137, 68, 122

■ 137, 27, 113

■ 137, 81, 125

■ 137, 13, 110

■ 137, 95, 128

■ 137, 0, 107

■ 137, 109, 131

■ 137, 123, 134

■ 137, 136, 137

■ 137, 148, 150

■ 137, 159, 164

■ 137, 170, 177

Harmonies

Analogous

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



95, 72, 149



137, 54, 119



154, 45, 81

Triad

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



137, 54, 119



14, 98, 0



0, 57, 130

Complementary

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



137, 54, 119



54, 122, 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.



0, 55, 104



137, 54, 119



13, 96, 52

Square

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



137, 54, 119



116, 129, 8



0, 67, 101



0, 60, 156

Rectangle

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



137, 54, 119



153, 50, 56



0, 67, 101



0, 55, 118

Sweetspot

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



137, 54, 119



179, 146, 172



72, 54, 137



89, 70, 85



217, 217, 217



89, 89, 89

Same Dimension

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



137, 54, 119



179, 48, 150



137, 54, 78



69, 62, 67



133, 0, 104



5, 0, 4

Inverse Universe

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



137, 54, 119



179, 48, 150



54, 103, 137



69, 62, 67



133, 0, 104



5, 0, 4

Previews

White Background



This preview shows how the RYB color 137, 54, 119 looks on a white 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 ✓ Pass

Black Background



This preview shows how the RYB color 137, 54, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

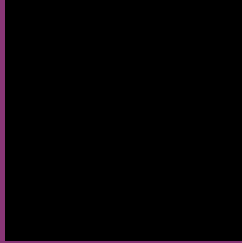
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 137, 54, 119 Background



This preview shows how black text looks on a background with the RYB color 137, 54, 119.



This preview shows how white text looks on a background with the RYB color 137, 54, 119.

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, 54, 119

Protanopia
62, 80, 144

Deuteranopia
80, 84, 114



Tritanopia
132, 66, 71

Trichromacy



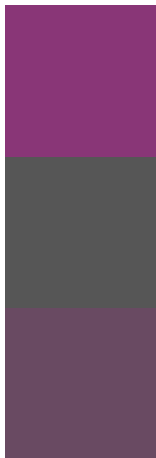
Original Color
137, 54, 119

Protanomaly
89, 74, 135

Deuteranomaly
101, 74, 116

Tritanomaly
134, 62, 88

Monochromacy



Original Color
137, 54, 119

Achromatopsia
86, 86, 86

Achromatomaly
105, 74, 98

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 54, 119 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, 54, 119)` looks like.

```
.text, #text, p{  
    color:rgb(137, 54, 119)  
}
```

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, 54, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 54, 119) }
```

Border

The CSS property to change the border of an element to RYB 137, 54, 119 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, 54, 119) }
```

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

```
.border{ border-color:rgb(137, 54, 119) }
```

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

Here you see how a box with a 4 pixel rgb(137, 54, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 54, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 54, 119);  
box-shadow:4px 4px 4px 4px rgb(137, 54,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 137, 54, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 54, 119) }
```

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

```
.background{ background-color: rgb(137, 54,  
119) }
```

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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