

Converting Colors

`RYB(144, 77, 103)`

Have a look what the booklet for
RYB(144, 77, 103) contains.

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Color

`RYB(144, 77, 103)`

Conversions

Conversions Part 1

Format	Color
Hex	904D67
RGB	144, 77, 103
RGB Percent	56%, 30%, 40%
CMY	0.4353, 0.6980, 0.5961
CMYK	0.00, 0.47, 0.28, 0.44
HSL	337°, 30%, 43%
HSV	337°, 47%, 56%
XYZ	16.6037, 12.2163, 14.3148
YIQ	99.9970, 31.5860, 22.2900

Conversions

Conversions Part 2

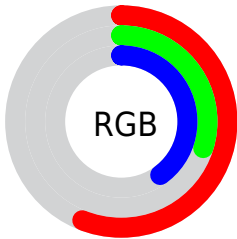
Format	Color
R_{YB}	144, 77, 103
Decimal	9456999
CIE _{Lab}	41.56, 31.41, -2.46
CIE _{LCh}	42, 31.508, 355.525
Yxy	12.2163, 0.3849, 0.2832
Android (android.graphics.Color)	4287647079 (0xFF904D67)
YUV	99.9970, 1.4805, 38.5906
Hunter-Lab	34.9519, 23.6296, 0.1836

Details

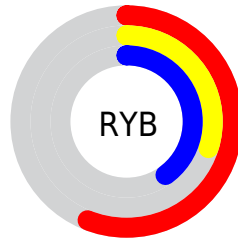
The RYB color **144, 77, 103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **77, 119, 144**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **200, 128, 154**, and **91, 29, 56** is the 20% darker color. If you saturate the color by 10%, you get **144, 63, 94**, and if you desaturate by 10%, it is **144, 91, 112**.

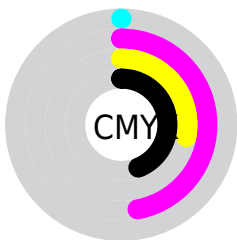
Distribution



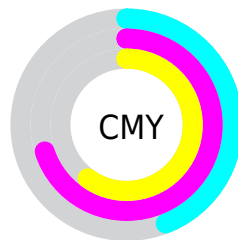
- Red (56%)
- Green (30%)
- Blue (40%)



- Red (56%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (44%)




- Cyan (44%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 77, 103 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, 77, 103 by changing the saturation by 10% instead.


 144, 77, 103

 144, 77, 103

255, 255, 255

 117, 53, 79

 200, 128, 154

 91, 29, 56

 228, 154, 181

 66, 3, 35

 255, 181, 208

 45, 0, 13

 255, 209, 237

 0, 0, 0

 255, 238, 255


 144, 77, 103

 144, 77, 103

 144, 63, 94

 144, 91, 112

 144, 48, 85

 144, 106, 121

■ 144, 34, 77

■ 144, 120, 129

■ 144, 19, 68

■ 144, 135, 138

■ 144, 5, 59

■ 144, 147, 149

■ 144, 0, 56

■ 144, 156, 163

■ 144, 165, 178

■ 144, 174, 192

■ 144, 183, 207

Harmonies

Analogous

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



127, 83, 128



144, 77, 103



147, 78, 77

Triad

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



144, 77, 103



50, 103, 61



0, 61, 140

Complementary

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



144, 77, 103



77, 119, 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.



0, 57, 119



144, 77, 103



60, 102, 109

Square

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



144, 77, 103



77, 117, 45



5, 63, 111



45, 82, 149

Rectangle

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



144, 77, 103



141, 91, 62



5, 63, 111



0, 60, 134

Sweetspot

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



144, 77, 103



186, 160, 170



117, 77, 144



94, 78, 85



222, 222, 222



94, 94, 94

Same Dimension

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



144, 77, 103



186, 82, 122



144, 85, 77



71, 64, 67



135, 0, 52



8, 0, 3

Inverse Universe

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



144, 77, 103



186, 82, 122



77, 109, 144



71, 64, 67



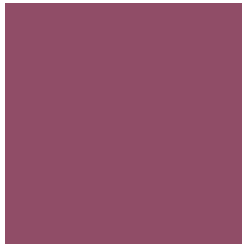
135, 0, 52



8, 0, 3

Previews

White Background



This preview shows how the RYB color 144, 77, 103 looks on a white background.

Color Contrast Check

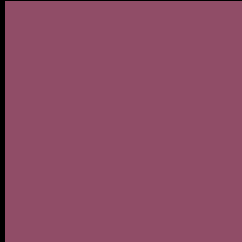
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 144, 77, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

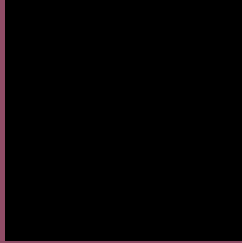
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R Y B 144, 77, 103 Background



This preview shows how black text looks on a background with the R Y B color 144, 77, 103.



This preview shows how white text looks on a background with the R Y B color 144, 77, 103.

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, 77, 103

Protanopia

95, 98, 116

Deuteranopia

107, 95, 100



Tritanopia
142, 80, 86

Trichromacy



Original Color

144, 77, 103

Protanomaly

113, 90, 111

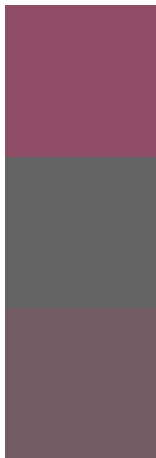
Deuteranomaly

120, 88, 101

Tritanomaly

143, 79, 92

Monochromacy



Original Color

144, 77, 103

Achromatopsia

100, 100, 100

Achromatomaly

116, 92, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 77, 103 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, 77, 103) looks like.

```
.text, #text, p{  
    color:rgb(144, 77, 103)  
}
```

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, 77, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 77, 103) }
```

Border

The CSS property to change the border of an element to RYB 144, 77, 103 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, 77, 103) }
```

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

```
.border{ border-color:rgb(144, 77, 103) }
```

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

Here you see how a box with a 4 pixel rgb(144, 77, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 77, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 77, 103);  
box-shadow:4px 4px 4px 4px rgb(144, 77,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 144, 77, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 77, 103) }
```

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

```
.background{ background-color: rgb(144, 77,  
103) }
```

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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