

Converting Colors

`RYB(139, 95, 110)`

Have a look what the booklet for
RYB(139, 95, 110) contains.

RYB(139, 95, 110)	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(139, 95, 110)

Conversions

Conversions Part 1

Format	Color
Hex	8B5F6E
RGB	139, 95, 110
RGB Percent	55%, 37%, 43%
CMY	0.4549, 0.6275, 0.5686
CMYK	0.00, 0.32, 0.21, 0.45
HSL	340°, 19%, 46%
HSV	340°, 32%, 55%
XYZ	17.5541, 14.7992, 16.6832
YIQ	109.8660, 21.4090, 13.9930

Conversions

Conversions Part 2

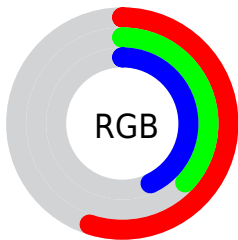
Format	Color
R_{YB}	139, 95, 110
Decimal	9133934
CIE Lab	45.36, 20.27, -1.23
CIE LCh	45, 20.305, 356.522
Yxy	14.7992, 0.3580, 0.3018
Android (android.graphics.Color)	4287324014 (0xFF8B5F6E)
YUV	109.8660, 0.0661, 25.5505
Hunter-Lab	38.4697, 14.1295, 1.2165

Details

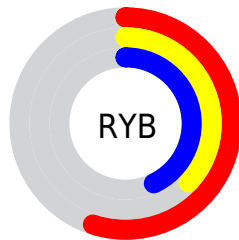
The RYB color **139, 95, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **95, 122, 139**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **193, 146, 162**, and **88, 48, 63** is the 20% darker color. If you saturate the color by 10%, you get **139, 81, 101**, and if you desaturate by 10%, it is **139, 109, 119**.

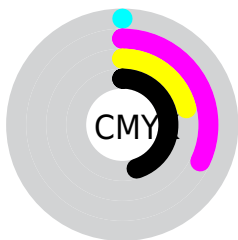
Distribution



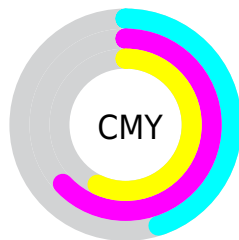
- Red (55%)
- Green (37%)
- Blue (43%)



- Red (55%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (32%)
- Yellow (21%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 95, 110 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 139, 95, 110 by changing the saturation by 10% instead.

 139, 95, 110  139, 95, 110

255, 255, 255  113, 71, 86

 193, 146, 162  88, 48, 63

 221, 173, 189  64, 26, 41

 250, 200, 216  41, 3, 20

 255, 228, 245  1, 0, 0

 0, 0, 0

 139, 95, 110  139, 95, 110

 139, 81, 101  139, 109, 119

 139, 67, 92  139, 123, 128

■ 139, 53, 83

■ 139, 137, 137

■ 139, 39, 73

■ 139, 146, 151

■ 139, 26, 64

■ 139, 155, 165

■ 139, 12, 55

■ 139, 162, 178

■ 139, 0, 47

■ 139, 171, 192

■ 139, 179, 206

■ 139, 188, 220

Harmonies

Analogous

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



127, 98, 126



139, 95, 110



141, 96, 93

Triad

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



139, 95, 110



77, 111, 84



61, 92, 135

Complementary

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



139, 95, 110



95, 122, 139

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.



55, 87, 122



139, 95, 110



84, 111, 115

Square

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



139, 95, 110



96, 121, 74



66, 95, 117



83, 101, 141

Rectangle

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



139, 95, 110



138, 104, 83



66, 95, 117



57, 90, 131

Sweetspot

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



139, 95, 110



181, 165, 170



124, 95, 139



92, 82, 85



219, 219, 219



92, 92, 92

Same Dimension

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



139, 95, 110



181, 112, 136



139, 103, 95



69, 62, 64



133, 0, 45



5, 0, 2

Inverse Universe

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



139, 95, 110



181, 112, 136



95, 115, 139



69, 62, 64



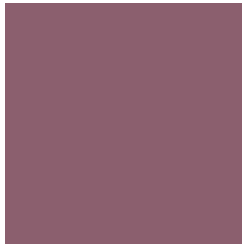
133, 0, 45



5, 0, 2

Previews

White Background



This preview shows how the RYB color 139, 95, 110 looks on a white background.

Color Contrast Check

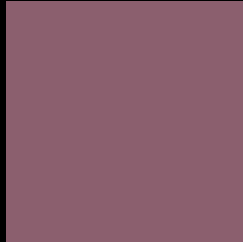
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 95, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

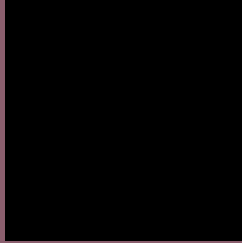
Any Text WCAG AA × Fail

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](#).

RYP 139, 95, 110 Background



This preview shows how black text looks on a background with the RYP color 139, 95, 110.



This preview shows how white text looks on a background with the RYP color 139, 95, 110.

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


139, 95, 110

Protanopia

107, 107, 117

Deuteranopia

118, 104, 108



Tritanopia
138, 96, 103

Trichromacy



Original Color

139, 95, 110

Protanomaly

119, 103, 114

Deuteranomaly

126, 101, 109

Tritanomaly

138, 96, 106

Monochromacy



Original Color

139, 95, 110

Achromatopsia

110, 110, 110

Achromatomaly

121, 105, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 95, 110 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(139, 95, 110)` looks like.

```
.text, #text, p{  
    color:rgb(139, 95, 110)  
}
```

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(139, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 95, 110) }
```

Border

The CSS property to change the border of an element to RYB 139, 95, 110 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(139, 95, 110) }
```

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

```
.border{ border-color:rgb(139, 95, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 95, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(139, 95,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 139, 95, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 95, 110) }
```

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

```
.background{ background-color: rgb(139, 95,  
110) }
```

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