

Converting Colors

`RYB(143, 117, 161)`

Have a look what the booklet for
RYB(143, 117, 161) contains.

RYB(143, 117, 161)	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(143, 117, 161)

Conversions

Conversions Part 1

Format	Color
Hex	8F75A1
RGB	143, 117, 161
RGB Percent	56%, 46%, 63%
CMY	0.4392, 0.5412, 0.3686
CMYK	0.11, 0.27, 0.00, 0.37
HSL	275°, 19%, 55%
HSV	275°, 27%, 63%
XYZ	24.1220, 21.1354, 36.5264
YIQ	129.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

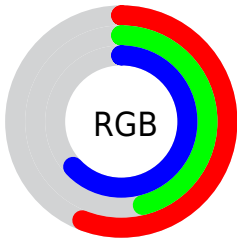
Format	Color
R_{YB}	143, 117, 161
Decimal	9401761
CIE _{Lab}	53.10, 18.73, -19.83
CIE _{LCh}	53, 27.280, 313.361
Yxy	21.1354, 0.2949, 0.2584
Android (android.graphics.Color)	4287591841 (0xFF8F75A1)
YUV	129.7900, 15.3865, 11.5852
Hunter-Lab	45.9733, 13.2050, -14.9254

Details

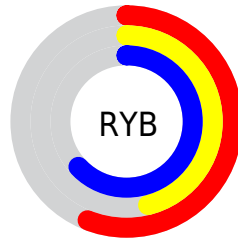
The RYB color **143, 117, 161** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117, 161, 143**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **197, 169, 216**, and **92, 68, 109** is the 20% darker color. If you saturate the color by 10%, you get **136, 101, 161**, and if you desaturate by 10%, it is **150, 133, 161**.

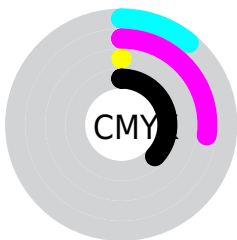
Distribution



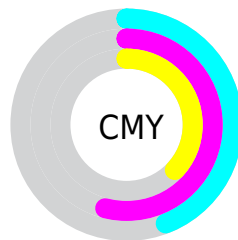
- Red (56%)
- Green (46%)
- Blue (63%)



- Red (56%)
- Yellow (46%)
- Blue (63%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (54%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 143, 117, 161 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 143, 117, 161 by changing the saturation by 10% instead.

 143, 117, 161

255, 255, 255

 197, 169, 216

 225, 197, 244

 254, 225, 255


 255, 253, 255

 143, 117, 161


 117, 92, 135

 92, 68, 109


 68, 46, 85

 45, 25, 61

 26, 0, 40

 0, 1, 18

 0, 0, 0

 143, 117, 161

 136, 101, 161

 143, 117, 161

 150, 133, 161

130, 85, 161

156, 149, 161

123, 69, 161

161, 165, 163

117, 53, 161

161, 181, 173

110, 36, 161

161, 197, 182

103, 20, 161

161, 214, 192

97, 4, 161

161, 230, 202

95, 0, 161

161, 246, 211

161, 255, 214

Harmonies

Analogous

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



111, 122, 172



143, 117, 161



165, 111, 141

Triad

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



143, 117, 161



143, 154, 82



51, 96, 140

Complementary

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



143, 117, 161



117, 161, 143

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.



78, 117, 139



143, 117, 161



84, 132, 81

Square

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



143, 117, 161



169, 118, 96



92, 135, 121



45, 96, 158

Rectangle

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



143, 117, 161



172, 109, 125



92, 135, 121



59, 102, 140

Sweetspot

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



143, 117, 161



202, 192, 209



117, 130, 161



100, 94, 105



232, 232, 232



105, 105, 105

Same Dimension

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



143, 117, 161



181, 140, 209



161, 117, 157



78, 73, 82



86, 0, 145



11, 0, 18

Inverse Universe

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



161, 117, 135



209, 140, 168



117, 157, 161



82, 73, 77



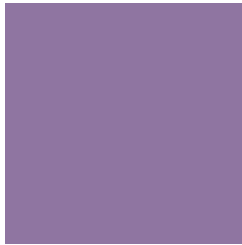
145, 0, 59



18, 0, 7

Previews

White Background



This preview shows how the RYB color 143, 117, 161 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 143, 117, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

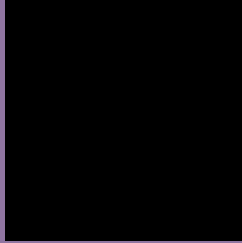
Any Text WCAG AA ✓ Pass

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 143, 117, 161 Background



This preview shows how black text looks on a background with the RYB color 143, 117, 161.



This preview shows how white text looks on a background with the RYB color 143, 117, 161.

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
143, 117, 161

Protanopia
116, 124, 167

Deuteranopia
122, 124, 160



Tritanopia
138, 122, 132

Trichromacy



Original Color
143, 117, 161

Protanomaly
126, 122, 165

Deuteranomaly
130, 121, 160

Tritanomaly
140, 120, 143

Monochromacy



Original Color
143, 117, 161

Achromatopsia
130, 130, 130

Achromatomaly
135, 125, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 117, 161 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(143, 117, 161) looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 161)  
}
```

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(143, 117, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 161) }
```

Border

The CSS property to change the border of an element to RYB 143, 117, 161 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(143, 117, 161) }
```

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

```
.border{ border-color:rgb(143, 117, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 117, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 117, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 117, 161);  
box-shadow:4px 4px 4px 4px rgb(143, 117,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 143, 117, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 161) }
```

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

```
.background{ background-color: rgb(143,  
117, 161) }
```

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