

Converting Colors

`RYB(137, 105, 127)`

Have a look what the booklet for
RYB(137, 105, 127) contains.

RYB(137, 105, 127)	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(137, 105, 127)

Conversions

Conversions Part 1

Format	Color
Hex	89697F
RGB	137, 105, 127
RGB Percent	54%, 41%, 50%
CMY	0.4627, 0.5882, 0.5020
CMYK	0.00, 0.23, 0.07, 0.46
HSL	319°, 13%, 47%
HSV	319°, 23%, 54%
XYZ	19.1989, 16.9538, 22.3392
YIQ	117.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

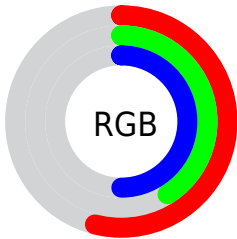
Format	Color
R_{YB}	137, 105, 127
Decimal	9005439
CIE Lab	48.20, 16.64, -7.27
CIE LCh	48, 18.156, 336.407
Yxy	16.9538, 0.3282, 0.2898
Android (android.graphics.Color)	4287195519 (0xFF89697F)
YUV	117.0760, 4.8925, 17.4733
Hunter-Lab	41.1750, 11.1737, -3.3448

Details

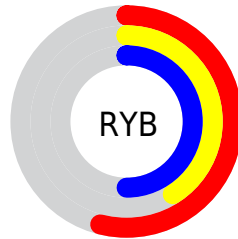
The RYB color **137, 105, 127** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 129, 137**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **191, 156, 180**, and **87, 57, 78** is the 20% darker color. If you saturate the color by 10%, you get **137, 91, 123**, and if you desaturate by 10%, it is **137, 119, 131**.

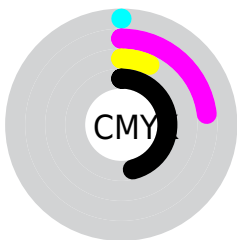
Distribution



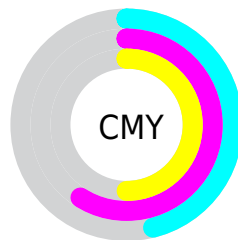
- Red (54%)
- Green (41%)
- Blue (50%)



- Red (54%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 137, 105, 127 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, 105, 127 by changing the saturation by 10% instead.

 137, 105, 127


255, 255, 255


 191, 156, 180

 219, 183, 207


 247, 211, 235


 255, 239, 255

 137, 105, 127

 111, 81, 102

 87, 57, 78

 63, 35, 55

 40, 15, 34

 17, 0, 11


 0, 0, 0


 137, 105, 127

 137, 91, 123

 137, 78, 118

 137, 105, 127

 137, 119, 131

 137, 132, 136

■ 137, 64, 114

■ 137, 144, 146

■ 137, 50, 110

■ 137, 155, 160

■ 137, 36, 106

■ 137, 166, 174

■ 137, 23, 101

■ 137, 175, 187

■ 137, 9, 97

■ 137, 186, 201

■ 137, 0, 94

■ 137, 197, 215

■ 137, 206, 228

Harmonies

Analogous

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



121, 109, 139



137, 105, 127



145, 103, 112

Triad

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



137, 105, 127



94, 122, 84



70, 98, 132

Complementary

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



137, 105, 127



105, 129, 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.



74, 100, 123



137, 105, 127



89, 119, 102

Square

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



137, 105, 127



136, 127, 87



88, 112, 122



81, 104, 142

Rectangle

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



137, 105, 127



146, 104, 102



88, 112, 122



70, 97, 127

Sweetspot

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



137, 105, 127



179, 166, 175



115, 105, 137



89, 82, 87



217, 217, 217



89, 89, 89

Same Dimension

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



137, 105, 127



179, 129, 163



137, 105, 111



69, 62, 67



133, 0, 91



5, 0, 4

Inverse Universe

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



137, 105, 127



179, 129, 163



105, 123, 137



69, 62, 67



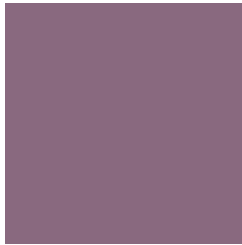
133, 0, 91



5, 0, 4

Previews

White Background



This preview shows how the RYB color 137, 105, 127 looks on a white background.

Color Contrast Check

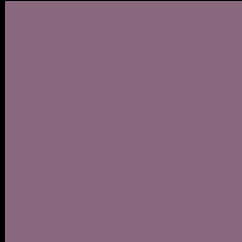
Large Text (above 18pt) WCAG AA ✓ Pass

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 137, 105, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

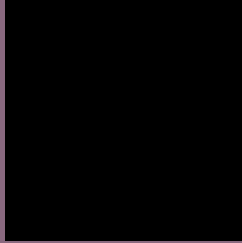
Any Text WCAG AA × Fail

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](#).

RYB 137, 105, 127 Background



This preview shows how black text looks on a background with the RYB color 137, 105, 127.



This preview shows how white text looks on a background with the RYB color 137, 105, 127.

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, 105, 127

Protanopia

111, 114, 133

Deuteranopia

121, 111, 126



Tritanopia
135, 107, 115

Trichromacy



Original Color
137, 105, 127

Protanomaly
120, 111, 131

Deuteranomaly
127, 109, 126

Tritanomaly
136, 106, 119

Monochromacy



Original Color
137, 105, 127

Achromatopsia
117, 117, 117

Achromatomaly
124, 113, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 105, 127 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, 105, 127) looks like.

```
.text, #text, p{  
    color:rgb(137, 105, 127)  
}
```

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, 105, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 105, 127) }
```

Border

The CSS property to change the border of an element to RYB 137, 105, 127 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, 105, 127) }
```

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

```
.border{ border-color:rgb(137, 105, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 105, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 105, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 105, 127);  
box-shadow:4px 4px 4px 4px rgb(137, 105,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 137, 105, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 105, 127) }
```

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

```
.background{ background-color: rgb(137,  
105, 127) }
```

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