

Converting Colors

`RYB(137, 108, 140)`

Have a look what the booklet for
RYB(137, 108, 140) contains.

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Color

R_YB(137, 108, 140)

Conversions

Conversions Part 1

Format	Color
Hex	896C8C
RGB	137, 108, 140
RGB Percent	54%, 42%, 55%
CMY	0.4627, 0.5765, 0.4510
CMYK	0.02, 0.23, 0.00, 0.45
HSL	294°, 13%, 49%
HSV	294°, 23%, 55%
XYZ	20.4127, 17.9369, 27.1973
YIQ	120.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

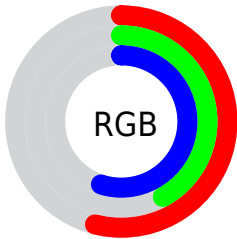
Format	Color
R_{YB}	137, 108, 140
Decimal	9006220
CIE _{Lab}	49.42, 17.45, -13.16
CIE _{LCh}	49, 21.855, 322.965
Yxy	17.9369, 0.3114, 0.2737
Android (android.graphics.Color)	4287196300 (0xFF896C8C)
YUV	120.3190, 9.7027, 14.6292
Hunter-Lab	42.3520, 11.9169, -8.4279

Details

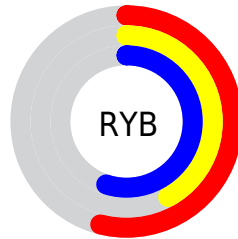
The RYB color **137, 108, 140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **108, 140, 137**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **191, 160, 194**, and **87, 60, 90** is the 20% darker color. If you saturate the color by 10%, you get **136, 94, 140**, and if you desaturate by 10%, it is **138, 122, 140**.

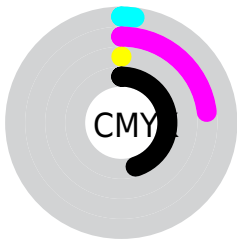
Distribution



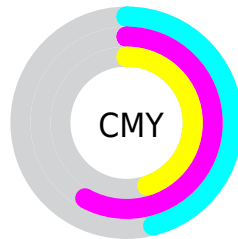
- Red (54%)
- Green (42%)
- Blue (55%)



- Red (54%)
- Yellow (42%)
- Blue (55%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (58%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 137, 108, 140 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, 108, 140 by changing the saturation by 10% instead.

 137, 108, 140

255, 255, 255


 191, 160, 194

 219, 187, 222

 247, 214, 250


 255, 243, 255


 137, 108, 140

 111, 84, 114

 87, 60, 90

 63, 38, 66

 41, 17, 44

 21, 0, 24

 0, 0, 0


 137, 108, 140

 136, 94, 140

 134, 80, 140

 137, 108, 140

 138, 122, 140

 140, 136, 140

■ 133, 66, 140

■ 140, 150, 149

■ 132, 52, 140

■ 140, 164, 162

■ 130, 38, 140

■ 140, 178, 174

■ 129, 24, 140

■ 140, 192, 187

■ 128, 10, 140

■ 140, 206, 200

■ 127, 0, 140

■ 140, 220, 212

■ 140, 234, 225

Harmonies

Analogous

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



114, 114, 151



137, 108, 140



151, 104, 123

Triad

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



137, 108, 140



113, 135, 81



60, 95, 131

Complementary

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



137, 108, 140



108, 140, 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, 106, 128



137, 108, 140



83, 121, 88

Square

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



137, 108, 140



149, 119, 89



95, 125, 125



65, 99, 146

Rectangle

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



137, 108, 140



155, 104, 110



95, 125, 125



63, 96, 128

Sweetspot

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



137, 108, 140



180, 168, 181



108, 111, 140



91, 84, 92



219, 219, 219



92, 92, 92

Same Dimension

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



137, 108, 140



176, 132, 181



140, 108, 127



68, 62, 69



120, 0, 133



5, 0, 5

Inverse Universe

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



140, 108, 111



181, 132, 137



108, 131, 140



69, 62, 63



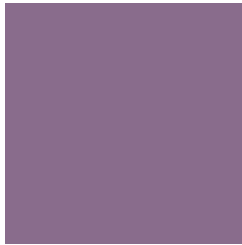
133, 0, 12



5, 0, 0

Previews

White Background



This preview shows how the RYB color 137, 108, 140 looks on a white background.

Color Contrast Check

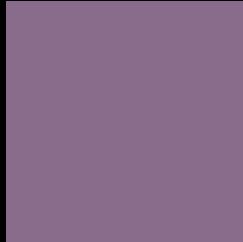
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

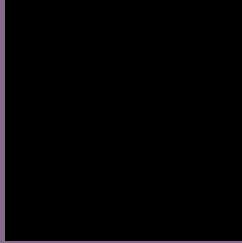
Any Text WCAG AA ✓ Pass

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 137, 108, 140 Background



This preview shows how black text looks on a background with the RYB color 137, 108, 140.



This preview shows how white text looks on a background with the RYB color 137, 108, 140.

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, 108, 140

Protanopia
111, 116, 146

Deuteranopia
119, 115, 139



Tritanopia
134, 112, 120

Trichromacy



Original Color

137, 108, 140

Protanomaly

120, 114, 144

Deuteranomaly

126, 112, 139

Tritanomaly

135, 111, 127

Monochromacy



Original Color

137, 108, 140

Achromatopsia

120, 120, 120

Achromatomaly

126, 116, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 108, 140 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, 108, 140)` looks like.

```
.text, #text, p{  
    color:rgb(137, 108, 140)  
}
```

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, 108, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 108, 140) }
```

Border

The CSS property to change the border of an element to RYB 137, 108, 140 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, 108, 140) }
```

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

```
.border{ border-color:rgb(137, 108, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 108, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 108, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 108, 140);  
box-shadow:4px 4px 4px 4px rgb(137, 108,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 137, 108, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 108, 140) }
```

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

```
.background{ background-color: rgb(137,  
108, 140) }
```

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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