

Converting Colors

`RYB(140, 128, 147)`

Have a look what the booklet for
RYB(140, 128, 147) contains.

RYB(140, 128, 147)	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(140, 128, 147)

Conversions

Conversions Part 1

Format	Color
Hex	8C8093
RGB	140, 128, 147
RGB Percent	55%, 50%, 58%
CMY	0.4510, 0.4980, 0.4235
CMYK	0.05, 0.13, 0.00, 0.42
HSL	278°, 8%, 54%
HSV	278°, 13%, 58%
XYZ	23.8008, 23.1204, 30.8120
YIQ	133.7540, 1.0530, 8.4530

Conversions

Conversions Part 2

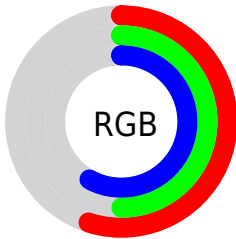
Format	Color
R_{YB}	140, 128, 147
Decimal	9207955
CIE Lab	55.20, 8.27, -8.55
CIE LCh	55, 11.900, 314.045
Yxy	23.1204, 0.3062, 0.2974
Android (android.graphics.Color)	4287398035 (0xFF8C8093)
YUV	133.7540, 6.5303, 5.4777
Hunter-Lab	48.0837, 4.2090, -4.3345

Details

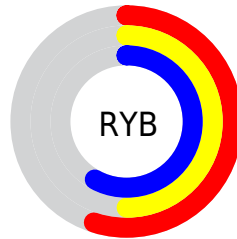
The RYB color **140, 128, 147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **128, 147, 140**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **194, 181, 201**, and **90, 79, 96** is the 20% darker color. If you saturate the color by 10%, you get **135, 113, 147**, and if you desaturate by 10%, it is **145, 143, 147**.

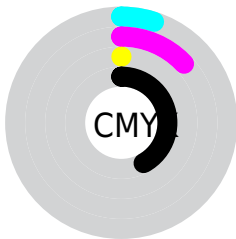
Distribution



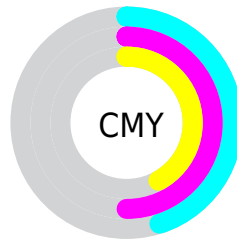
- Red (55%)
- Green (50%)
- Blue (58%)



- Red (55%)
- Yellow (50%)
- Blue (58%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (45%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 128, 147 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 140, 128, 147 by changing the saturation by 10% instead.

■ 140, 128, 147

255, 255, 255

■ 194, 181, 201

■ 222, 208, 229

■ 250, 237, 255

■ 140, 128, 147

■ 114, 103, 121

■ 90, 79, 96

■ 66, 56, 73

■ 44, 35, 50

■ 24, 13, 29

■ 0, 0, 1

■ 0, 0, 0

■ 140, 128, 147

■ 135, 113, 147

■ 140, 128, 147

■ 145, 143, 147

129, 99, 147

147, 157, 153

124, 84, 147

147, 172, 163

118, 69, 147

147, 187, 172

113, 55, 147

147, 202, 182

108, 40, 147

147, 216, 191

102, 25, 147

147, 231, 200

97, 10, 147

147, 246, 210

93, 0, 147

147, 255, 213

Harmonies

Analogous

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



127, 130, 152



140, 128, 147



150, 126, 138

Triad

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



140, 128, 147



144, 146, 113



106, 122, 138

Complementary

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



140, 128, 147



128, 147, 140

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.



113, 129, 138



140, 128, 147



114, 135, 112

Square

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



140, 128, 147



152, 130, 118



117, 136, 130



107, 124, 146

Rectangle

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



140, 128, 147



153, 125, 131



117, 136, 130



108, 124, 138

Sweetspot

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



140, 128, 147



188, 184, 191



128, 133, 147



95, 92, 97



224, 224, 224



97, 97, 97

Same Dimension

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



140, 128, 147



180, 161, 191



147, 128, 145



71, 67, 74



87, 0, 138



6, 0, 10

Inverse Universe

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



147, 128, 135



191, 161, 172



128, 145, 147



74, 67, 69



138, 0, 51



10, 0, 4

Previews

White Background



This preview shows how the RYB color 140, 128, 147 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 140, 128, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

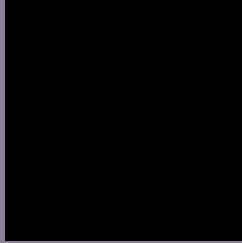
Any Text WCAG AA ✓ Pass

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 140, 128, 147 Background



This preview shows how black text looks on a background with the RYB color 140, 128, 147.



This preview shows how white text looks on a background with the RYB color 140, 128, 147.

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

[140](#), [128](#), [147](#)

Protanopia

[130](#), [131](#), [149](#)

Deuteranopia

[138](#), [129](#), [147](#)



Tritanopia
139, 129, 139

Trichromacy



Original Color

140, 128, 147

Protanomaly

134, 130, 148

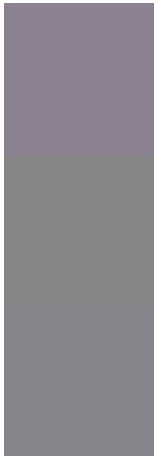
Deuteranomaly

139, 129, 147

Tritanomaly

139, 129, 142

Monochromacy



Original Color

140, 128, 147

Achromatopsia

134, 134, 134

Achromatomaly

136, 132, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 128, 147 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(140, 128, 147) looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 147)  
}
```

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(140, 128, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 147) }
```

Border

The CSS property to change the border of an element to RYB 140, 128, 147 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(140, 128, 147) }
```

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

```
.border{ border-color:rgb(140, 128, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 147);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 140, 128, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 147) }
```

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

```
.background{ background-color: rgb(140,  
128, 147) }
```

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