Converting Colors

RYB(167, 136, 147)

Have a look what the booklet for RYB(167, 136, 147) contains.

Color

RYB(167, 136, 147)

Conversions

Format	Color
Hex	A78893
RGB	167, 136, 147
RGB Percent	65%, 53%, 58%
CMY	0.3451, 0.4667, 0.4235
CMYK	0.00, 0.19, 0.12, 0.35
HSL	339°, 15%, 59%
HSV	339°, 19%, 65%
XYZ	30.0070, 27.9304, 31.4133
YIQ	146.5230, 14.9450, 9.9930

Conversions Part 1

Conversions

Conversions Part 2

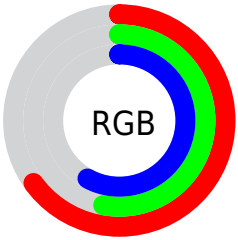
Format	Color
RYB	167, 136, 147
Decimal	10979475
CIELab	59.83, 13.62, -1.42
CIELCh	60, 13.697, 354.049
Yxy	27.9304, 0.3358, 0.3126
Android (android.graphics.Color)	4289169555 (0xFFA78893)
YUV	146.5230, 0.2352, 17.9583
Hunter-Lab	52.8492, 8.8634, 1.7527

Details

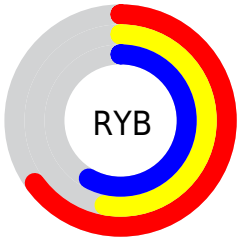
The RYB color 167, 136, 147 is a light color, and the websafe version is hex CC9999. A complement of this color would be 136, 155, 167, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 222, 189, 201, and 115, 86, 97 is the 20% darker color. If you saturate the color by 10%, you get 167, 119, 136, and if you desaturate by 10%, it is 167, 153, 158.

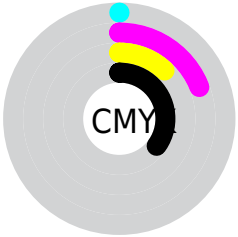
Distribution



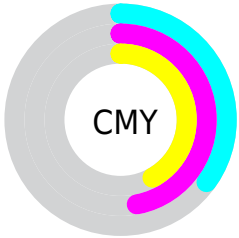
- Red (65%)
- Green (53%)
- Blue (58%)



- Red (65%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 136, 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 167, 136, 147 by changing the saturation by 10% instead.

167, 136, 147	167, 136, 147
255, 255, 255	140, 111, 121
222, 189, 201	115, 86, 97
251, 217, 229	90, 63, 73
255, 246, 255	66, 41, 50
	43, 20, 29
	25, 0, 3
	0, 0, 0

167, 136, 147	167, 136, 147
167, 119, 136	167, 153, 158

167, 103, 125	167, 168, 169
167, 86, 115	167, 179, 186
167, 69, 104	167, 189, 203
167, 52, 93	167, 198, 219
167, 36, 82	167, 209, 236
167, 19, 72	167, 219, 253
167, 2, 61	167, 217, 255
167, 0, 59	167, 214, 255

Harmonies

Analogous

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

158, 138, 158

167, 136, 147

170, 136, 135

Triad

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

167, 136, 147

122, 146, 125

116, 135, 163

Complementary

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

167, 136, 147

136, 155, 167

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, 132, 153

167, 136, 147

129, 148, 149

Square

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

167, 136, 147

143, 156, 120

118, 137, 151

128, 140, 168

Rectangle

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

167, 136, 147

168, 141, 128

118, 137, 151

114, 134, 160

Sweetspot

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

167, 136, 147

217, 204, 208

156, 136, 167

110, 102, 105

237, 237, 237

110, 110, 110

Same Dimension

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

167, 136, 147

217, 169, 186

167, 141, 136

84, 76, 79

148, 0, 52

20, 0, 7

Inverse Universe

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

167, 136, 147

217, 169, 186

136, 150, 167

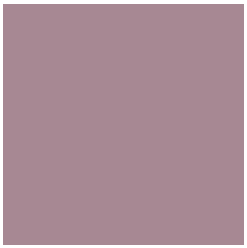
84, 76, 79

148, 0, 52

20, 0, 7

Previews

White Background

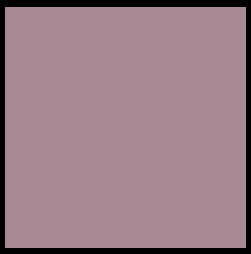


This preview shows how the RYB color 167, 136, 147 looks on a white background.

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



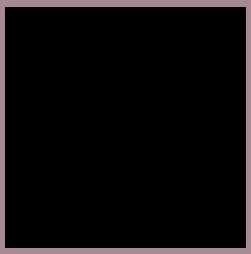
This preview shows how the RYB color 167, 136, 147 looks on a black background.

Color Contrast Check

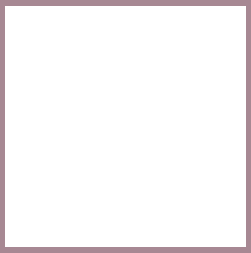
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 167, 136, 147 Background



This preview shows how black text looks on a background with the RYB color 167, 136, 147.



This preview shows how white text looks on a background with the RYB color 167, 136, 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

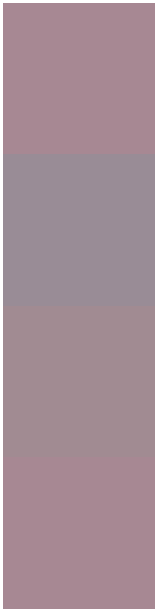
Original Color
167, 136, 147

Protanopia
145, 143, 151

Deuteranopia
157, 140, 146

Tritanopia
167, 136, 147

Trichromacy



Original Color
167, 136, 147

Protanomaly
153, 140, 150

Deuteranomaly
161, 139, 146

Tritanomaly
167, 136, 147

Monochromacy

Original Color
167, 136, 147

Achromatopsia
147, 147, 147

Achromatomaly
154, 143, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 136, 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(167, 136, 147) looks like.

```
.text, #text, p{
    color:rgb(167, 136, 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(167, 136, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 147) }
```

Border

The CSS property to change the border of an element to RYB 167, 136, 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(167, 136, 147) }
```

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

```
.border{ border-color:rgb(167, 136, 147) }
```

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

Here you see how a box with a 4 pixel rgb(167, 136, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 136, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 136, 147); box-shadow:4px 4px 4px 4px rgb(167, 136, 147) }
```

Background

The CSS property to change the background color of an element to RYB 167, 136, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 136, 147) }
```

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

```
.background{ background-color:rgb(167,
136, 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.

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