

Converting Colors

`RYB(169, 140, 149)`

Have a look what the booklet for RYB(169, 140, 149) contains.

RYB(169, 140, 149)	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(169, 140, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A98C95
RGB	169, 140, 149
RGB Percent	66%, 55%, 58%
CMY	0.3373, 0.4510, 0.4157
CMYK	0.00, 0.17, 0.12, 0.34
HSL	341°, 14%, 61%
HSV	341°, 17%, 66%
XYZ	31.1651, 29.3611, 32.4585
YIQ	149.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

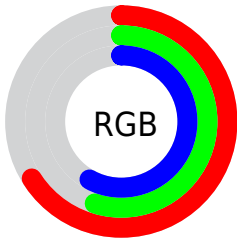
Format	Color
R _Y B	169, 140, 149
Decimal	11111573
CIE Lab	61.10, 12.46, -0.67
CIE LCh	61, 12.479, 356.901
Yxy	29.3611, 0.3352, 0.3158
Android (android.graphics.Color)	4289301653 (0xFFA98C95)
YUV	149.6970, -0.3436, 16.9287
Hunter-Lab	54.1859, 7.8392, 2.4142

Details

The RYB color **169, 140, 149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 157, 169**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **224, 194, 203**, and **117, 90, 98** is the 20% darker color. If you saturate the color by 10%, you get **169, 123, 137**, and if you desaturate by 10%, it is **169, 157, 161**.

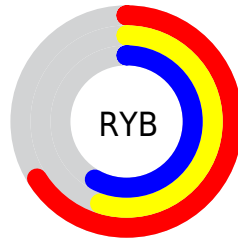
Distribution



Red (66%)

Green (55%)

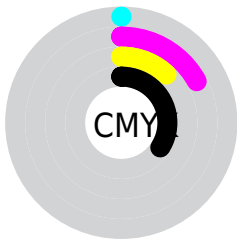
Blue (58%)



Red (66%)

Yellow (55%)

Blue (58%)

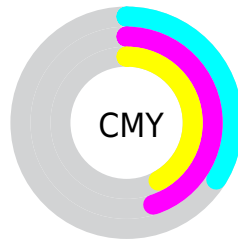


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (34%)



Cyan (34%)

Magenta (45%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 169, 140, 149 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 169, 140, 149 by changing the saturation by 10% instead.

 169, 140, 149

255, 255, 255

 224, 194, 203

 253, 222, 231

 255, 250, 255

 169, 140, 149

 142, 114, 123

 117, 90, 98

 92, 66, 75

 68, 44, 52


 45, 23, 31

 27, 0, 6

 0, 0, 0

 169, 140, 149

 169, 123, 137

 169, 140, 149


 169, 157, 161

 169, 106, 126

 169, 172, 174

 169, 89, 114

 169, 182, 191

 169, 72, 102

 169, 192, 208

 169, 56, 91

 169, 202, 224

 169, 39, 79

 169, 211, 241

 169, 22, 67

 169, 219, 255

 169, 5, 56

 169, 216, 255

 169, 0, 52

 169, 212, 255

Harmonies

Analogous

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



161, 142, 160



169, 140, 149



171, 140, 138

Triad

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



169, 140, 149



128, 150, 133



123, 140, 165

Complementary

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



169, 140, 149



140, 157, 169

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.



119, 137, 157



169, 140, 149



133, 151, 153

Square

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



169, 140, 149



145, 158, 126



123, 141, 154



134, 145, 169

Rectangle

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



169, 140, 149



169, 146, 132



123, 141, 154



121, 139, 163

Sweetspot

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



169, 140, 149



219, 208, 212



160, 140, 169



110, 103, 105



237, 237, 237



110, 110, 110

Same Dimension

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



169, 140, 149



219, 173, 188



169, 146, 140



84, 76, 78



148, 0, 46



20, 0, 6

Inverse Universe

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



169, 140, 149



219, 173, 188



140, 153, 169



84, 76, 78



148, 0, 46



20, 0, 6

Previews

White Background



This preview shows how the RYB color 169, 140, 149 looks on a white background.

Color Contrast Check

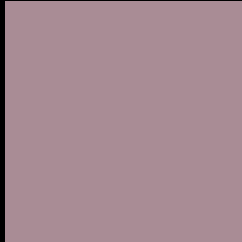
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 140, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

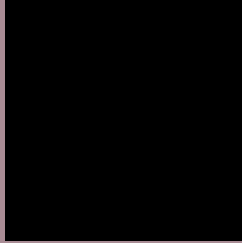
Any Text WCAG AA ✓ Pass

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 169, 140, 149 Background



This preview shows how black text looks on a background with the RYB color 169, 140, 149.



This preview shows how white text looks on a background with the RYB color 169, 140, 149.

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

169, 140, 149

Protanopia

149, 147, 153

Deuteranopia

161, 143, 148



Tritanopia
169, 140, 151

Trichromacy



Original Color

169, 140, 149

Protanomaly

156, 144, 152

Deuteranomaly

164, 142, 148

Tritanomaly

169, 140, 150

Monochromacy



Original Color

169, 140, 149

Achromatopsia

150, 150, 150

Achromatomaly

157, 146, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 140, 149 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(169, 140, 149) looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 149)  
}
```

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(169, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 149) }
```

Border

The CSS property to change the border of an element to RYB 169, 140, 149 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(169, 140, 149) }
```

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

```
.border{ border-color:rgb(169, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 169, 140, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 140, 149) }
```

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

```
.background{ background-color: rgb(169,  
140, 149) }
```

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