

Converting Colors

`RYB(169, 160, 140)`

Have a look what the booklet for
RYB(169, 160, 140) contains.

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Color

R_YB(169, 160, 140)

Conversions

Conversions Part 1

Format	Color
Hex	A9988C
RGB	169, 152, 140
RGB Percent	66%, 60%, 55%
CMY	0.3373, 0.4046, 0.4510
CMYK	0.00, 0.10, 0.17, 0.34
HSL	24°, 14%, 61%
HSV	24°, 17%, 66%
XYZ	32.2976, 32.7320, 29.4266
YIQ	155.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

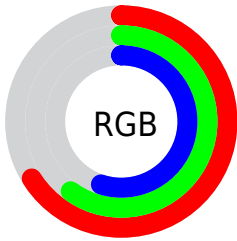
Format	Color
R _Y B	169, 160, 140
Decimal	11114636
CIE Lab	63.94, 4.33, 8.53
CIE LCh	64, 9.561, 63.091
Yxy	32.7320, 0.3419, 0.3465
Android (android.graphics.Color)	4289304716 (0xFFA9988C)
YUV	155.7150, -7.7475, 11.6509
Hunter-Lab	57.2119, 0.6471, 9.5528

Details

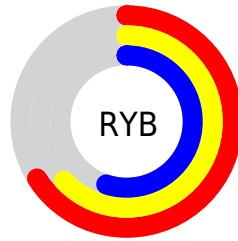
The RYB color **169, 160, 140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 151, 169**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **224, 214, 194**, and **117, 109, 90** is the 20% darker color. If you saturate the color by 10%, you get **169, 155, 123**, and if you desaturate by 10%, it is **169, 166, 157**.

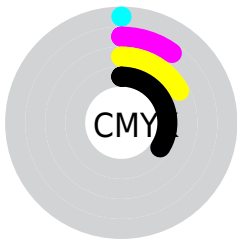
Distribution



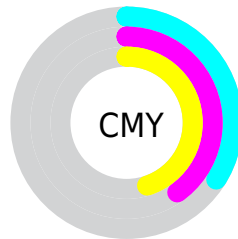
- Red (66%)
- Green (60%)
- Blue (55%)



- Red (66%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 160, 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 169, 160, 140 by changing the saturation by 10% instead.

 169, 160, 140


255, 255, 255

 224, 214, 194

 253, 243, 221

 250, 255, 250

 169, 160, 140

 142, 134, 115

 117, 109, 90

 92, 84, 67

 68, 61, 44

 45, 40, 24

 26, 16, 0

 0, 0, 0

 169, 160, 140


 169, 155, 123

 169, 160, 140


 169, 166, 157

 169, 150, 106


 169, 171, 174

 169, 145, 89


 169, 177, 191

 169, 140, 72


 169, 183, 208

 169, 134, 56

 169, 190, 224

 169, 128, 39

 169, 196, 241

 169, 123, 22

 169, 202, 255

 169, 118, 5

 169, 205, 255

 169, 117, 0

 169, 208, 255

Harmonies

Analogous

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



173, 151, 146



169, 160, 140



146, 161, 138

Triad

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



169, 160, 140



135, 149, 160



158, 152, 169

Complementary

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



169, 160, 140



140, 151, 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.



147, 153, 172



169, 160, 140



134, 148, 164

Square

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



169, 160, 140



142, 155, 159



138, 150, 170



167, 150, 163

Rectangle

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



169, 160, 140



139, 156, 140



138, 150, 170



154, 153, 171

Sweetspot

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



169, 160, 140



219, 217, 208



169, 140, 157



110, 108, 103



237, 237, 237



110, 110, 110

Same Dimension

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



169, 160, 140



219, 205, 173



143, 169, 140



84, 81, 76



148, 101, 0



20, 13, 0

Inverse Universe

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



140, 151, 169



173, 190, 219



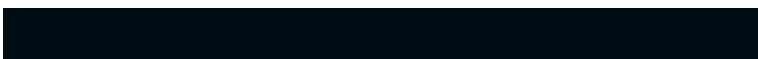
140, 143, 169



76, 79, 84



0, 55, 148



0, 8, 20

Previews

White Background



This preview shows how the RYB color 169, 160, 140 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 160, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

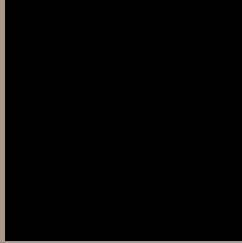
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 160, 140 Background



This preview shows how black text looks on a background with the RYB color 169, 160, 140.



This preview shows how white text looks on a background with the RYB color 169, 160, 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
169, 160, 140

Protanopia
152, 161, 141

Deuteranopia
175, 152, 140



Tritanopia
172, 149, 160

Trichromacy



Original Color

169, 160, 140

Protanomaly

162, 164, 141

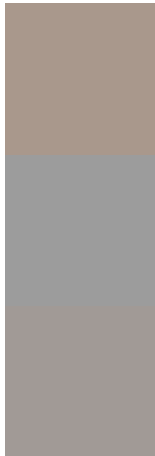
Deuteranomaly

173, 154, 140

Tritanomaly

171, 150, 153

Monochromacy



Original Color

169, 160, 140

Achromatopsia

156, 156, 156

Achromatomaly

161, 156, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 160, 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(169, 152, 140) looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 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(169, 152, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 140) }
```

Border

The CSS property to change the border of an element to RYB 169, 160, 140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

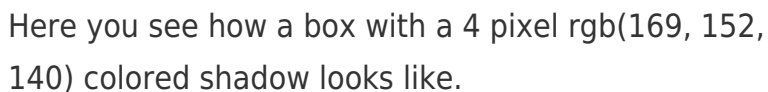
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 152, 140) }
```

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

```
.border{ border-color:rgb(169, 152, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 152, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 140);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 169, 160, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 140) }
```

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

```
.background{ background-color: rgb(169,  
152, 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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