

# Converting Colors

`RYB(169, 164, 140)`

Have a look what the booklet for  
RYB(169, 164, 140) contains.

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# Color

**R<sub>Y</sub>B(169, 164, 140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9998C
RGB	169, 153, 140
RGB Percent	66%, 60%, 55%
CMY	0.3373, 0.3995, 0.4510
CMYK	0.00, 0.09, 0.17, 0.34
HSL	27°, 14%, 61%
HSV	27°, 17%, 66%
XYZ	32.5087, 33.1542, 29.4970
YIQ	156.3020, 13.7090, -0.6510

# Conversions

## Conversions Part 2

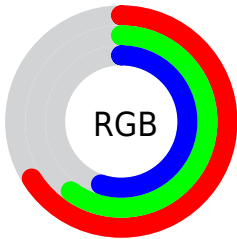
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">169, 164, 140</a>
Decimal	<a href="#">11114892</a>
CIELab	<a href="#">64.29, 3.61, 9.01</a>
CIELCh	<a href="#">64, 9.709, 68.170</a>
Yxy	<a href="#">33.1542, 0.3416, 0.3484</a>
Android (android.graphics.Color)	<a href="#">4289304972</a> (0xFFA9998C)
YUV	<a href="#">156.3020, -8.0369, 11.1361</a>
Hunter-Lab	<a href="#">57.5797, 0.0141, 9.9327</a>

# Details

The RYB color **169, 164, 140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 150, 169**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **224, 217, 194**, and **117, 112, 90** is the 20% darker color. If you saturate the color by 10%, you get **169, 162, 123**, and if you desaturate by 10%, it is **169, 166, 157**.

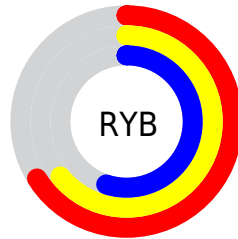
# Distribution



Red (66%)

Green (60%)

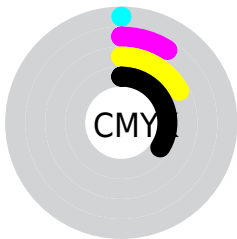
Blue (55%)



Red (66%)

Yellow (64%)

Blue (55%)

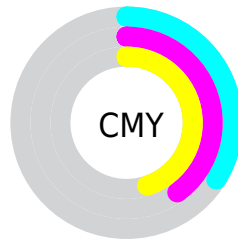


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 169, 164, 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, 164, 140 by changing the saturation by 10% instead.



 169, 164, 140

255, 255, 255

 224, 217, 194

 253, 249, 221

 250, 255, 250

 169, 164, 140

 142, 137, 115

 117, 112, 90

 92, 87, 67

 68, 64, 44

 45, 43, 24

 26, 22, 0

 0, 0, 0

 169, 164, 140


 169, 162, 123

 169, 164, 140


 169, 166, 157

 169, 160, 106


 169, 171, 174

 169, 154, 89

 169, 177, 191

 169, 153, 72


 169, 183, 208

 169, 149, 56

 169, 188, 224

 169, 147, 39

 169, 195, 241

 169, 142, 22

 169, 200, 255

 169, 140, 5

 169, 204, 255

 169, 141, 0

 169, 207, 255

# Harmonies

## Analogous

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



174, 153, 145



169, 164, 140



145, 161, 139

# Triad

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



169, 164, 140



135, 149, 161



161, 153, 169

# Complementary

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



169, 164, 140



140, 150, 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.



150, 155, 173



169, 164, 140



135, 149, 166

# Square

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



169, 164, 140



141, 154, 160



140, 152, 172



169, 151, 162

# Rectangle

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



169, 164, 140



141, 158, 145



140, 152, 172



157, 154, 171



# Sweetspot

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



169, 164, 140



219, 217, 208



169, 140, 156



110, 108, 103



237, 237, 237



110, 110, 110



# Same Dimension

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



169, 164, 140



219, 212, 173



141, 169, 140



84, 84, 76



148, 122, 0



20, 16, 0



# Inverse Universe

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



140, 150, 169



173, 189, 219



140, 141, 169



76, 79, 84



0, 52, 148



0, 7, 20



# Previews

## White Background



This preview shows how the RYB color 169, 164, 140 looks on a white background.

## Color Contrast Check

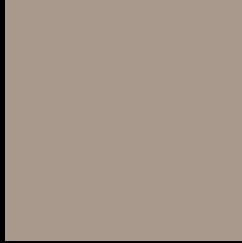
Large Text (above 18pt) WCAG AA × Fail

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, 164, 140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

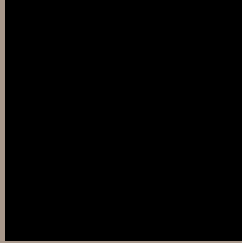
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## R Y B 169, 164, 140 Background



This preview shows how black text looks on a background with the RYB color 169, 164, 140.



This preview shows how white text looks on a background with the RYB color 169, 164, 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, 164, 140

### Protanopia

152, 162, 141

### Deuteranopia

177, 153, 141



**Tritanopia**  
172, 150, 162

# Trichromacy



## Original Color

169, 164, 140

## Protanomaly

161, 165, 141

## Deuteranomaly

174, 155, 141

## Tritanomaly

171, 151, 154

# Monochromacy



## Original Color

169, 164, 140

## Achromatopsia

156, 156, 156

## Achromatomaly

161, 159, 150

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 169, 164, 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, 153, 140) looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 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, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 140) }
```

## Border

The CSS property to change the border of an element to RYB 169, 164, 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, 153, 140) }
```

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

```
.border{ border-color:rgb(169, 153, 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, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
140) }
```

# Background

The CSS property to change the background color of an element to RYB 169, 164, 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, 153, 140) }
```

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

```
.background{ background-color: rgb(169,  
153, 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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