

Converting Colors

`RYB(148, 139, 71)`

Have a look what the booklet for
RYB(148, 139, 71) contains.

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Color

`RYB(148, 139, 71)`

Conversions

Conversions Part 1

Format	Color
Hex	946B47
RGB	148, 107, 71
RGB Percent	58%, 42%, 28%
CMY	0.4196, 0.5800, 0.7216
CMYK	0.00, 0.28, 0.52, 0.42
HSL	28°, 35%, 43%
HSV	28°, 52%, 58%
XYZ	18.6193, 17.2892, 8.3171
YIQ	115.1550, 35.9920, -2.5040

Conversions

Conversions Part 2

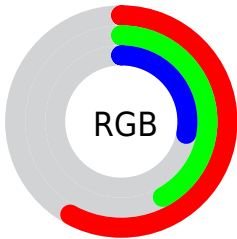
Format	Color
RYB	148, 139, 71
Decimal	9726791
CIELab	48.62, 11.84, 26.56
CIELCh	49, 29.079, 65.968
Yxy	17.2892, 0.4210, 0.3909
Android (android.graphics.Color)	4287916871 (0xFF946B47)
YUV	115.1550, -21.7684, 28.8051
Hunter-Lab	41.5803, 7.1650, 17.2468

Details

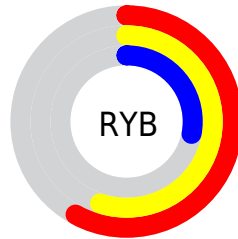
The RYB color **148, 139, 71** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **71, 98, 148**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **204, 189, 120**, and **95, 93, 26** is the 20% darker color. If you saturate the color by 10%, you get **148, 137, 56**, and if you desaturate by 10%, it is **148, 140, 86**.

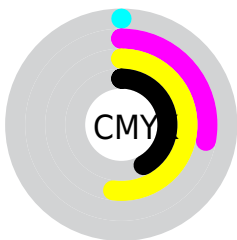
Distribution



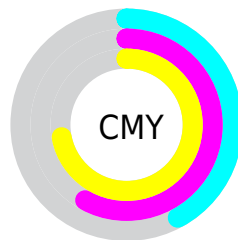
- Red (58%)
- Green (42%)
- Blue (28%)



- Red (58%)
- Yellow (55%)
- Blue (28%)



- Cyan (0%)
- Magenta (28%)
- Yellow (52%)
- Black (42%)
























- Cyan (42%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the RYB color 148, 139, 71 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 148, 139, 71 by changing the saturation by 10% instead.

 148, 139, 71	 148, 139, 71
 255, 255, 255	 121, 115, 48
 204, 193, 120	 95, 93, 26
 233, 217, 146	 58, 69, 1
 255, 251, 173	 45, 30, 0
 217, 255, 200	 15, 0, 0
 228, 255, 228	 0, 0, 0
 148, 139, 71	 148, 139, 71
 148, 137, 56	 148, 140, 86
 148, 135, 41	 148, 142, 101

 148, 135, 27

 148, 146, 115


 148, 133, 12

 148, 148, 130

 148, 129, 0

 148, 147, 145

 148, 152, 160

 148, 157, 175

 148, 162, 189

 148, 168, 204

Harmonies

Analogous

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



161, 101, 88



148, 139, 71



79, 127, 66

Triad

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



148, 139, 71



34, 84, 129



125, 107, 155

Complementary

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



148, 139, 71



71, 98, 148

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.



88, 108, 164



148, 139, 71



0, 68, 144

Square

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



148, 139, 71



70, 110, 127



42, 90, 160



150, 99, 136

Rectangle

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



148, 139, 71



70, 120, 80



42, 90, 160



113, 110, 160

Sweetspot

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



148, 139, 71



191, 187, 161



148, 71, 112



97, 95, 78



224, 224, 224



97, 97, 97

Same Dimension

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



148, 139, 71



191, 176, 73



74, 148, 71



74, 72, 67



138, 123, 0



10, 10, 0

Inverse Universe

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



71, 98, 148



73, 114, 191



71, 74, 148



67, 69, 74



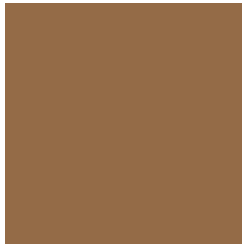
0, 48, 138



0, 3, 10

Previews

White Background



This preview shows how the RYB color 148, 139, 71 looks on a white 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

Black Background



This preview shows how the RYB color 148, 139, 71 looks on a black 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

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

R Y B 148, 139, 71 Background



This preview shows how black text looks on a background with the R Y B color 148, 139, 71.



This preview shows how white text looks on a background with the R Y B color 148, 139, 71.

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
148, 139, 71

Protanopia
86, 126, 74

Deuteranopia
120, 140, 70



Tritanopia
151, 102, 110

Trichromacy



Original Color

148, 139, 71

Protanomaly

105, 134, 73

Deuteranomaly

130, 143, 70

Tritanomaly

150, 105, 96

Monochromacy



Original Color

148, 139, 71

Achromatopsia

115, 115, 115

Achromatomaly

127, 123, 99

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 139, 71 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(148, 107, 71)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 71)  
}
```

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(148, 107, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 71) }
```

Border

The CSS property to change the border of an element to RYB 148, 139, 71 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(148, 107, 71) }
```

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

```
.border{ border-color:rgb(148, 107, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 107, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 71);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
71) }
```

Background

The CSS property to change the background color of an element to RYB 148, 139, 71 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 71) }
```

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

```
.background{ background-color: rgb(148,  
107, 71) }
```

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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