

Converting Colors

`RYB(142, 161, 109)`

Have a look what the booklet for
RYB(142, 161, 109) contains.

RYB(142, 161, 109)	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(142, 161, 109)

Conversions

Conversions Part 1

Format	Color
Hex	A18D6D
RGB	161, 141, 109
RGB Percent	63%, 55%, 43%
CMY	0.3686, 0.4478, 0.5725
CMYK	0.00, 0.13, 0.32, 0.37
HSL	37°, 22%, 53%
HSV	37°, 32%, 63%
XYZ	26.9554, 27.6755, 18.3892
YIQ	143.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

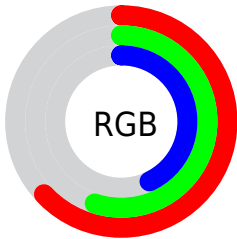
Format	Color
R _Y B	142, 161, 109
Decimal	10587501
CIE Lab	59.59, 2.66, 19.78
CIE LCh	60, 19.962, 82.329
Yxy	27.6755, 0.3692, 0.3790
Android (android.graphics.Color)	4288777581 (0xFFA18D6D)
YUV	143.3320, -16.9257, 15.4948
Hunter-Lab	52.6075, -0.6020, 16.1001

Details

The RYB color **142, 161, 109** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **109, 123, 161**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **195, 216, 161**, and **88, 108, 61** is the 20% darker color. If you saturate the color by 10%, you get **135, 161, 93**, and if you desaturate by 10%, it is **148, 161, 125**.

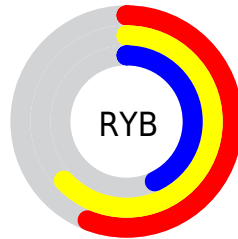
Distribution



Red (63%)

Green (55%)

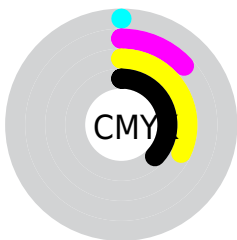
Blue (43%)



Red (56%)

Yellow (63%)

Blue (43%)

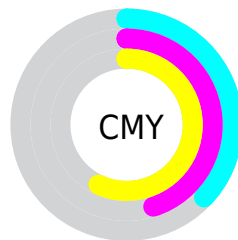


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (37%)



Cyan (37%)

Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 161, 109 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 142, 161, 109 by changing the saturation by 10% instead.

 142, 161, 109


255, 255, 255


 198, 216, 161

 227, 245, 188

 220, 255, 216

 244, 255, 244

 142, 161, 109

 135, 161, 93

 142, 161, 109

 116, 134, 85

 88, 108, 61

 66, 84, 39

 39, 59, 18

 20, 38, 0

 2, 0, 0

 0, 0, 0

 142, 161, 109

 148, 161, 125

■ 131, 161, 77

■ 154, 161, 141

■ 125, 161, 61

■ 158, 161, 157

■ 119, 161, 45

■ 161, 165, 173

■ 112, 161, 29

■ 161, 169, 190

■ 107, 161, 12

■ 161, 173, 206

■ 104, 161, 0

■ 161, 178, 222

■ 161, 183, 238

■ 161, 187, 254

Harmonies

Analogous

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



174, 144, 116



142, 161, 109



111, 146, 114

Triad

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



142, 161, 109



94, 124, 156



162, 135, 165

Complementary

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



142, 161, 109



109, 123, 161

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.



141, 141, 176



142, 161, 109



98, 129, 171

Square

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



142, 161, 109



104, 133, 153



117, 137, 178



176, 131, 149

Rectangle

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



142, 161, 109



117, 150, 138



117, 137, 178



155, 137, 170

Sweetspot

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



142, 161, 109



201, 209, 188



161, 109, 130



100, 105, 92



232, 232, 232



105, 105, 105

Same Dimension

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



142, 161, 109



181, 209, 128



109, 161, 114



80, 82, 73



91, 145, 0



11, 18, 0

Inverse Universe

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



109, 123, 161



128, 150, 209



114, 109, 161



73, 76, 82



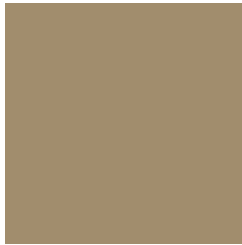
0, 40, 145



0, 5, 18

Previews

White Background



This preview shows how the RYB color 142, 161, 109 looks on a white background.

Color Contrast Check

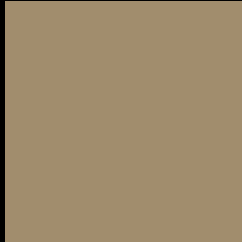
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 161, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

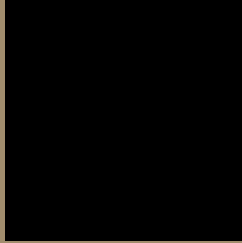
Any Text WCAG AA ✓ Pass

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 142, 161, 109 Background



This preview shows how black text looks on a background with the RYB color 142, 161, 109.



This preview shows how white text looks on a background with the RYB color 142, 161, 109.

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
142, 161, 109

Protanopia
123, 153, 110

Deuteranopia
169, 163, 110



Tritanopia
165, 136, 146

Trichromacy



Original Color

142, 161, 109

Protanomaly

130, 156, 110

Deuteranomaly

162, 166, 110

Tritanomaly

164, 139, 133

Monochromacy



Original Color

142, 161, 109

Achromatopsia

143, 143, 143

Achromatomaly

145, 150, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 161, 109 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(161, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(161, 141, 109)  
}
```

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(161, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 141, 109) }
```

Border

The CSS property to change the border of an element to RYB 142, 161, 109 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(161, 141, 109) }
```

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

```
.border{ border-color:rgb(161, 141, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 141, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 141, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 141, 109);  
box-shadow:4px 4px 4px 4px rgb(161, 141,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 142, 161, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 141, 109) }
```

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

```
.background{ background-color: rgb(161,  
141, 109) }
```

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