

Converting Colors

`RYB(161, 144, 107)`

Have a look what the booklet for
RYB(161, 144, 107) contains.

RYB(161, 144, 107)	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(161, 144, 107)

Conversions

Conversions Part 1

Format	Color
Hex	A1816B
RGB	161, 129, 107
RGB Percent	63%, 51%, 42%
CMY	0.3686, 0.4943, 0.5804
CMYK	0.00, 0.20, 0.34, 0.37
HSL	24°, 22%, 53%
HSV	24°, 34%, 63%
XYZ	25.1963, 24.3275, 17.2776
YIQ	136.0600, 26.1340, -0.0580

Conversions

Conversions Part 2

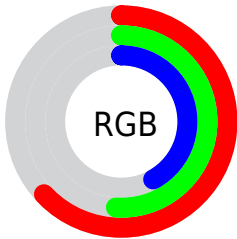
Format	Color
RYB	161, 144, 107
Decimal	10584427
CIELab	56.41, 9.06, 16.57
CIELCh	56, 18.892, 61.325
Yxy	24.3275, 0.3772, 0.3642
Android (android.graphics.Color)	4288774507 (0xFFA1816B)
YUV	136.0600, -14.3266, 21.8724
Hunter-Lab	49.3230, 4.8702, 13.7570

Details

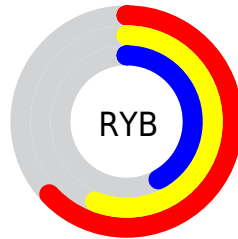
The RYB color **161, 144, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 127, 161**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **217, 198, 158**, and **108, 94, 60** is the 20% darker color. If you saturate the color by 10%, you get **161, 138, 91**, and if you desaturate by 10%, it is **161, 151, 123**.

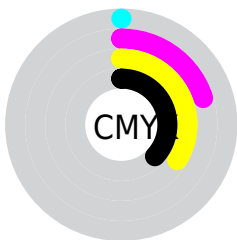
Distribution



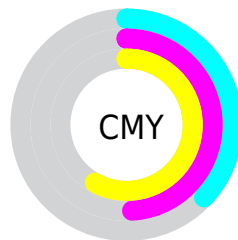
- Red (63%)
- Green (51%)
- Blue (42%)



- Red (63%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (37%)




- Cyan (37%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 144, 107 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 161, 144, 107 by changing the saturation by 10% instead.

 161, 144, 107


255, 255, 255


 217, 198, 158

 245, 225, 185


 242, 255, 213

 242, 255, 242

 161, 144, 107

 134, 119, 83


 108, 94, 60


 83, 71, 38


 59, 49, 17


 37, 25, 0


 0, 0, 0


 161, 144, 107

 161, 138, 91

 161, 134, 75

 161, 144, 107

 161, 151, 123

 161, 154, 139

■ 161, 128, 59

■ 161, 161, 155

■ 161, 124, 43

■ 161, 165, 171

■ 161, 117, 27

■ 161, 171, 187

■ 161, 115, 10

■ 161, 177, 204

■ 161, 109, 0

■ 161, 183, 220

■ 161, 189, 236

■ 161, 195, 252

Harmonies

Analogous

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



169, 126, 119



161, 144, 107



121, 147, 103

Triad

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



161, 144, 107



95, 123, 145



139, 131, 163

Complementary

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



161, 144, 107



107, 127, 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.



117, 131, 168



161, 144, 107



89, 118, 152

Square

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



161, 144, 107



110, 136, 143



97, 124, 164



157, 126, 151

Rectangle

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



161, 144, 107



105, 138, 108



97, 124, 164



132, 133, 166

Sweetspot

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



161, 144, 107



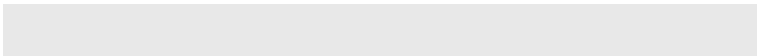
209, 204, 188



161, 107, 139



105, 100, 92



232, 232, 232



105, 105, 105

Same Dimension

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



161, 144, 107



209, 182, 125



113, 161, 107



82, 80, 73



145, 99, 0



18, 11, 0

Inverse Universe

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



107, 127, 161



125, 156, 209



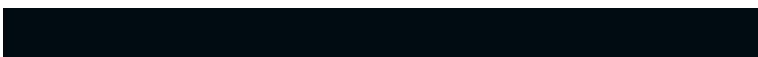
107, 112, 161



73, 76, 82



0, 54, 145



0, 7, 18

Previews

White Background



This preview shows how the RYB color 161, 144, 107 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 161, 144, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

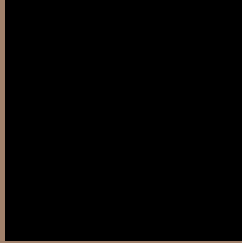
Any Text WCAG AA ✓ Pass

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 161, 144, 107 Background



This preview shows how black text looks on a background with the RYB color 161, 144, 107.



This preview shows how white text looks on a background with the RYB color 161, 144, 107.

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

161, 144, 107

Protanopia

122, 144, 110

Deuteranopia

158, 149, 107



Tritanopia
164, 125, 135

Trichromacy



Original Color

161, 144, 107

Protanomaly

138, 150, 109

Deuteranomaly

159, 148, 107

Tritanomaly

163, 126, 125

Monochromacy



Original Color

161, 144, 107

Achromatopsia

136, 136, 136

Achromatomaly

145, 138, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 144, 107 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, 129, 107)` looks like.

```
.text, #text, p{  
    color:rgb(161, 129, 107)  
}
```

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, 129, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 129, 107) }
```

Border

The CSS property to change the border of an element to RYB 161, 144, 107 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, 129, 107) }
```

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

```
.border{ border-color:rgb(161, 129, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 129, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 129, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 129, 107);  
box-shadow:4px 4px 4px 4px rgb(161, 129,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 161, 144, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 129, 107) }
```

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

```
.background{ background-color: rgb(161,  
129, 107) }
```

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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