

Converting Colors

`RYB(165, 127, 97)`

Have a look what the booklet for
RYB(165, 127, 97) contains.

RYB(165, 127, 97)	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

`RYB(165, 127, 97)`

Conversions

Conversions Part 1

Format	Color
Hex	A57661
RGB	165, 118, 97
RGB Percent	65%, 46%, 38%
CMY	0.3529, 0.5380, 0.6196
CMYK	0.00, 0.29, 0.41, 0.35
HSL	18°, 27%, 51%
HSV	18°, 41%, 65%
XYZ	24.1315, 21.7760, 14.2406
YIQ	129.6590, 34.7530, 3.4330

Conversions

Conversions Part 2

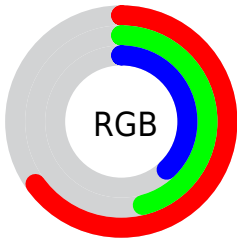
Format	Color
R_{YB}	165, 127, 97
Decimal	10843745
CIE _{Lab}	53.79, 15.79, 18.80
CIE _{LCh}	54, 24.557, 49.975
Yxy	21.7760, 0.4012, 0.3620
Android (android.graphics.Color)	4289033825 (0xFFA57661)
YUV	129.6590, -16.1009, 30.9941
Hunter-Lab	46.6648, 10.6434, 14.5720

Details

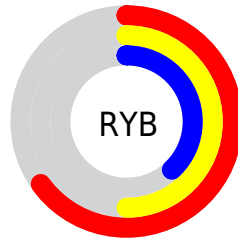
The RYB color **165, 127, 97** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **97, 125, 165**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **222, 179, 148**, and **111, 78, 50** is the 20% darker color. If you saturate the color by 10%, you get **165, 117, 80**, and if you desaturate by 10%, it is **165, 136, 113**.

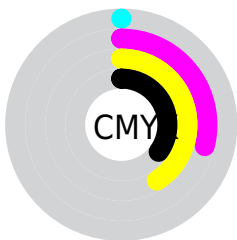
Distribution



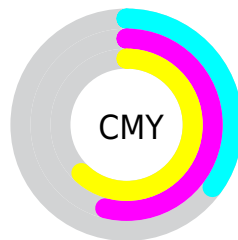
- Red (65%)
- Green (46%)
- Blue (38%)



- Red (65%)
- Yellow (50%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (35%)






















- Cyan (35%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 127, 97 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 165, 127, 97 by changing the saturation by 10% instead.

 165, 127, 97	 165, 127, 97
 255, 255, 255	 138, 102, 73
 222, 179, 148	 111, 78, 50
 251, 207, 174	 85, 56, 29
 255, 246, 202	 61, 36, 5
 231, 255, 230	 38, 1, 0
	 0, 0, 0

 165, 127, 97	 165, 127, 97
 165, 117, 80	 165, 136, 113
 165, 109, 64	 165, 146, 130

■ 165, 99, 47

■ 165, 155, 146

■ 165, 90, 31

■ 165, 165, 163

■ 165, 82, 14

■ 165, 171, 179

■ 165, 74, 0

■ 165, 178, 196

■ 165, 184, 212

■ 165, 191, 229

■ 165, 198, 245

Harmonies

Analogous

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



171, 113, 115



165, 127, 97



128, 150, 87

Triad

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



165, 127, 97



80, 116, 140



122, 126, 168

Complementary

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



165, 127, 97



97, 125, 165

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.



90, 118, 170



165, 127, 97



62, 101, 142

Square

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



165, 127, 97



101, 137, 133



65, 106, 160



149, 118, 156

Rectangle

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



165, 127, 97



95, 136, 87



65, 106, 160



111, 124, 170

Sweetspot

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



165, 127, 97



214, 200, 188



165, 97, 145



107, 100, 92



235, 235, 235



107, 107, 107

Same Dimension

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



165, 127, 97



214, 155, 109



115, 165, 97



82, 78, 73



145, 63, 0



18, 7, 0

Inverse Universe

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



97, 125, 165



109, 152, 214



97, 109, 165



73, 77, 82



0, 60, 145



0, 7, 18

Previews

White Background



This preview shows how the RYB color 165, 127, 97 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 165, 127, 97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

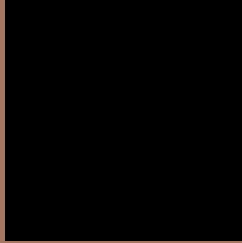
Any Text WCAG AA ✓ Pass

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 165, 127, 97 Background



This preview shows how black text looks on a background with the RYB color 165, 127, 97.



This preview shows how white text looks on a background with the RYB color 165, 127, 97.

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
165, 127, 97

Protanopia
112, 137, 102

Deuteranopia
152, 152, 96



Tritanopia
167, 114, 123

Trichromacy



Original Color

165, 127, 97

Protanomaly

141, 147, 100

Deuteranomaly

157, 141, 96

Tritanomaly

166, 115, 114

Monochromacy



Original Color

165, 127, 97

Achromatopsia

130, 130, 130

Achromatomaly

143, 130, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 127, 97 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(165, 118, 97)` looks like.

```
.text, #text, p{  
    color:rgb(165, 118, 97)  
}
```

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(165, 118, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 118, 97) }
```

Border

The CSS property to change the border of an element to RYB 165, 127, 97 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(165, 118, 97) }
```

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

```
.border{ border-color:rgb(165, 118, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 118, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 118, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 118, 97);  
box-shadow:4px 4px 4px 4px rgb(165, 118,  
97) }
```

Background

The CSS property to change the background color of an element to RYB 165, 127, 97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 118, 97) }
```

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

```
.background{ background-color: rgb(165,  
118, 97) }
```

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