

Converting Colors

`RYB(164, 137, 103)`

Have a look what the booklet for
RYB(164, 137, 103) contains.

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Color

R_YB(164, 137, 103)

Conversions

Conversions Part 1

Format	Color
Hex	A47D67
RGB	164, 125, 103
RGB Percent	64%, 49%, 40%
CMY	0.3569, 0.5105, 0.5961
CMYK	0.00, 0.24, 0.37, 0.36
HSL	21°, 25%, 52%
HSV	21°, 37%, 64%
XYZ	25.0703, 23.4964, 16.0459
YIQ	134.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

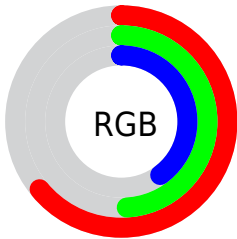
Format	Color
RYB	164, 137, 103
Decimal	10780007
CIELab	55.58, 12.12, 17.77
CIELCh	56, 21.515, 55.698
Yxy	23.4964, 0.3880, 0.3637
Android (android.graphics.Color)	4288970087 (0xFFA47D67)
YUV	134.1530, -15.3584, 26.1758
Hunter-Lab	48.4731, 7.4925, 14.3046

Details

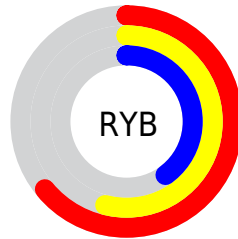
The RYB color **164, 137, 103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **103, 127, 164**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **220, 192, 154**, and **111, 87, 56** is the 20% darker color. If you saturate the color by 10%, you get **164, 129, 87**, and if you desaturate by 10%, it is **164, 144, 119**.

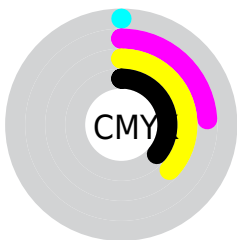
Distribution



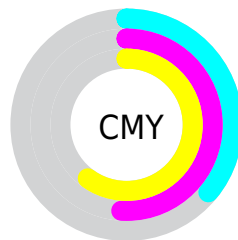
- Red (64%)
- Green (49%)
- Blue (40%)



- Red (64%)
- Yellow (54%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RYB color 164, 137, 103 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 164, 137, 103 by changing the saturation by 10% instead.

 164, 137, 103

255, 255, 255

 220, 189, 154


 249, 218, 181

 251, 255, 209


 237, 255, 237

 164, 137, 103

 137, 112, 79


 111, 87, 56

 85, 64, 34

 61, 44, 13


 38, 14, 0

 0, 0, 0

 164, 137, 103

 164, 129, 87

 164, 123, 70

 164, 137, 103

 164, 144, 119

 164, 152, 136


 164, 114, 54

 164, 158, 152

 164, 109, 37

 164, 166, 169

 164, 100, 21

 164, 172, 185

 164, 94, 5

 164, 179, 201

 164, 92, 0

 164, 185, 218

 164, 191, 234

 164, 198, 251

Harmonies

Analogous

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



171, 120, 118



164, 137, 103



123, 149, 96

Triad

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



164, 137, 103



89, 120, 143



132, 129, 167

Complementary

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



164, 137, 103



103, 127, 164

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.



106, 126, 170



164, 137, 103



78, 112, 149

Square

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



164, 137, 103



108, 137, 141



84, 117, 163



155, 123, 154

Rectangle

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



164, 137, 103



99, 137, 97



84, 117, 163



124, 130, 169

Sweetspot

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



164, 137, 103



214, 203, 191



164, 103, 143



107, 101, 93



235, 235, 235



107, 107, 107

Same Dimension

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



164, 137, 103



214, 171, 118



114, 164, 103



82, 78, 73



145, 81, 0



18, 9, 0

Inverse Universe

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



103, 127, 164



118, 156, 214



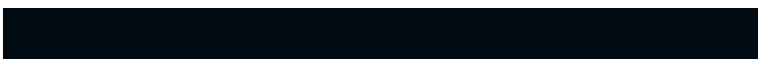
103, 111, 164



73, 77, 82



0, 57, 145



0, 7, 18

Previews

White Background



This preview shows how the RYB color 164, 137, 103 looks on a white background.

Color Contrast Check

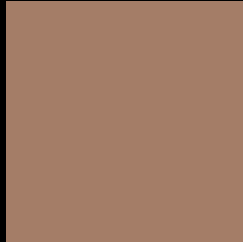
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 137, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

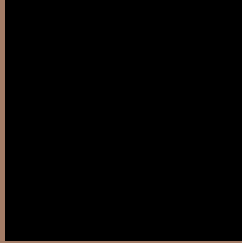
Any Text WCAG AA ✓ Pass

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 164, 137, 103 Background



This preview shows how black text looks on a background with the RYB color 164, 137, 103.



This preview shows how white text looks on a background with the RYB color 164, 137, 103.

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


164, 137, 103

Protanopia

119, 142, 107

Deuteranopia

157, 151, 102



Tritanopia
167, 121, 130

Trichromacy



Original Color

164, 137, 103

Protanomaly

143, 150, 106

Deuteranomaly

160, 146, 102

Tritanomaly

166, 122, 120

Monochromacy



Original Color

164, 137, 103

Achromatopsia

134, 134, 134

Achromatomaly

145, 136, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 137, 103 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(164, 125, 103)` looks like.

```
.text, #text, p{  
    color:rgb(164, 125, 103)  
}
```

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(164, 125, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 125, 103) }
```

Border

The CSS property to change the border of an element to RYB 164, 137, 103 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(164, 125, 103) }
```

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

```
.border{ border-color:rgb(164, 125, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 125, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 125, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 125, 103);  
box-shadow:4px 4px 4px 4px rgb(164, 125,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 164, 137, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 125, 103) }
```

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

```
.background{ background-color: rgb(164,  
125, 103) }
```

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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