

Converting Colors

`RYB(147, 165, 125)`

Have a look what the booklet for
RYB(147, 165, 125) contains.

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Color

R_YB(147, 165, 125)

Conversions

Conversions Part 1

Format	Color
Hex	A5977D
RGB	165, 151, 125
RGB Percent	65%, 59%, 49%
CMY	0.3529, 0.4086, 0.5098
CMYK	0.00, 0.09, 0.24, 0.35
HSL	39°, 18%, 57%
HSV	39°, 24%, 65%
XYZ	30.2542, 31.5510, 23.8974
YIQ	152.2220, 16.6900, -5.1180

Conversions

Conversions Part 2

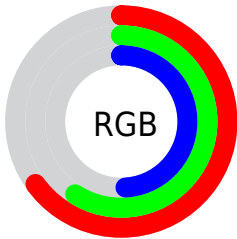
Format	Color
RYB	147, 165, 125
Decimal	10852221
CIELab	62.97, 1.00, 15.51
CIElCh	63, 15.547, 86.300
Yxy	31.5510, 0.3530, 0.3681
Android (android.graphics.Color)	4289042301 (0xFFA5977D)
YUV	152.2220, -13.4204, 11.2063
Hunter-Lab	56.1702, -2.1549, 14.0945

Details

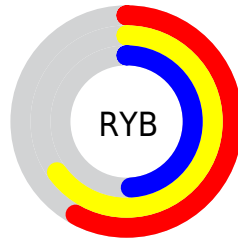
The RYB color **147, 165, 125** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **125, 135, 165**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **201, 220, 178**, and **96, 113, 76** is the 20% darker color. If you saturate the color by 10%, you get **139, 165, 108**, and if you desaturate by 10%, it is **153, 165, 141**.

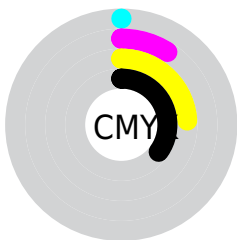
Distribution



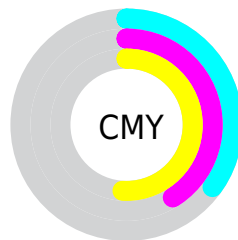
- Red (65%)
- Green (59%)
- Blue (49%)



- Red (58%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 165, 125 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 147, 165, 125 by changing the saturation by 10% instead.

 147, 165, 125


255, 255, 255

 201, 220, 178


 230, 249, 205

 233, 255, 233

 147, 165, 125


 120, 138, 100

 96, 113, 76

 71, 88, 53

 47, 64, 32


 23, 42, 9


 14, 18, 0

 0, 0, 0

 147, 165, 125

 139, 165, 108

 147, 165, 125

 153, 165, 141

■ 132, 165, 92

■ 161, 165, 158

■ 125, 165, 75

■ 165, 167, 174

■ 118, 165, 59

■ 165, 172, 191

■ 108, 165, 42

■ 165, 176, 207

■ 102, 165, 26

■ 165, 180, 224

■ 94, 165, 9

■ 165, 185, 240

■ 92, 165, 0

■ 165, 189, 255

■ 165, 192, 255

Harmonies

Analogous

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



176, 155, 130



147, 165, 125



127, 155, 132

Triad

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



147, 165, 125



116, 139, 164



169, 145, 168

Complementary

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



147, 165, 125



125, 135, 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.



153, 149, 177



147, 165, 125



121, 143, 175

Square

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



147, 165, 125



121, 143, 160



135, 148, 180



179, 143, 155

Rectangle

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



147, 165, 125



133, 158, 152



135, 148, 180



164, 146, 172

Sweetspot

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



147, 165, 125



207, 214, 199



165, 125, 140



104, 107, 99



235, 235, 235



107, 107, 107

Same Dimension

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



147, 165, 125



186, 214, 152



125, 165, 130



78, 82, 73



79, 145, 0



9, 18, 0

Inverse Universe

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



125, 135, 165



152, 168, 214



130, 125, 165



73, 75, 82



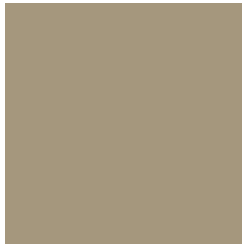
0, 38, 145



0, 5, 18

Previews

White Background



This preview shows how the RYB color 147, 165, 125 looks on a white background.

Color Contrast Check

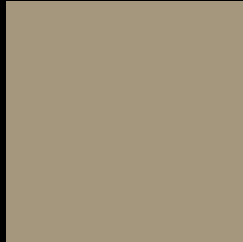
Large Text (above 18pt) WCAG AA × Fail

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 147, 165, 125 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 ✓ Pass

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

RYB 147, 165, 125 Background



This preview shows how black text looks on a background with the RYB color 147, 165, 125.



This preview shows how white text looks on a background with the RYB color 147, 165, 125.

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
147, 165, 125

Protanopia
138, 161, 126

Deuteranopia
176, 162, 126



Tritanopia
169, 146, 158

Trichromacy



Original Color

147, 165, 125

Protanomaly

140, 162, 126

Deuteranomaly

172, 168, 126

Tritanomaly

168, 148, 146

Monochromacy



Original Color

147, 165, 125

Achromatopsia

152, 152, 152

Achromatomaly

150, 157, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 165, 125 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, 151, 125)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 125)  
}
```

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, 151, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 125) }
```

Border

The CSS property to change the border of an element to RYB 147, 165, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

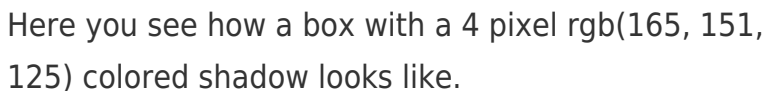
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 151, 125) }
```

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

```
.border{ border-color:rgb(165, 151, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 151, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 151, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 151, 125); box-shadow:4px 4px 4px 4px rgb(165, 151, 125) }
```

Background

The CSS property to change the background color of an element to RYB 147, 165, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 125) }
```

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

```
.background{ background-color: rgb(165,  
151, 125) }
```

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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