

Converting Colors

`RYB(125, 164, 134)`

Have a look what the booklet for
RYB(125, 164, 134) contains.

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Color

R_YB(125, 164, 134)

Conversions

Conversions Part 1

Format	Color
Hex	9BA47D
RGB	155, 164, 125
RGB Percent	61%, 64%, 49%
CMY	0.3922, 0.3569, 0.5098
CMYK	0.05, 0.00, 0.24, 0.36
HSL	74°, 18%, 57%
HSV	74°, 24%, 64%
XYZ	30.4947, 35.0001, 24.5505
YIQ	156.8630, 7.1550, -14.0370

Conversions

Conversions Part 2

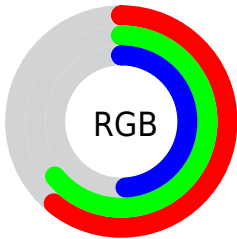
Format	Color
RYB	125, 164, 134
Decimal	10200189
CIELab	65.75, -10.07, 19.22
CIElCh	66, 21.696, 117.660
Yxy	35.0001, 0.3387, 0.3887
Android (android.graphics.Color)	4288390269 (0xFF9BA47D)
YUV	156.8630, -15.7085, -1.6339
Hunter-Lab	59.1609, -11.5232, 16.8086

Details

The RYB color **125, 164, 134** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **134, 125, 164**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **178, 219, 187**, and **76, 112, 85** is the 20% darker color. If you saturate the color by 10%, you get **109, 164, 122**, and if you desaturate by 10%, it is **141, 164, 146**.

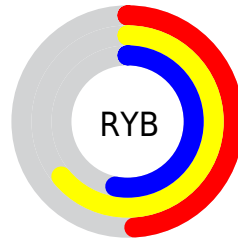
Distribution



Red (61%)

Green (64%)

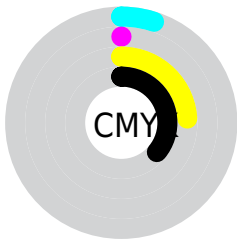
Blue (49%)



Red (49%)

Yellow (64%)

Blue (53%)

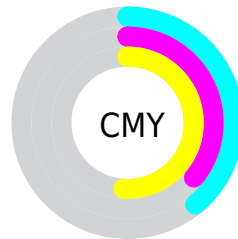


Cyan (5%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 164, 134 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 125, 164, 134 by changing the saturation by 10% instead.

■ 125, 164, 134

255, 255, 255

■ 178, 219, 187

■ 205, 247, 214

■ 234, 255, 234

■ 125, 164, 134

■ 100, 138, 109

■ 76, 112, 85

■ 53, 88, 62

■ 31, 65, 40

■ 8, 43, 17

■ 0, 23, 17

■ 0, 0, 0

■ 125, 164, 134

■ 109, 164, 122

■ 125, 164, 134

■ 141, 164, 146

■ 92, 164, 109

■ 158, 164, 159

■ 76, 164, 96

■ 166, 164, 174

■ 59, 164, 83

■ 170, 164, 191

■ 43, 164, 71

■ 174, 164, 207

■ 27, 164, 59

■ 178, 164, 223

■ 10, 164, 45

■ 181, 164, 240

■ 0, 164, 38

■ 185, 164, 255

■ 189, 164, 255

Harmonies

Analogous

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



148, 176, 121



125, 164, 134



133, 165, 169

Triad

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



125, 164, 134



112, 145, 192



197, 146, 162

Complementary

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



125, 164, 134



134, 125, 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.



183, 149, 181



125, 164, 134



134, 153, 198

Square

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



125, 164, 134



104, 139, 177



161, 155, 194



199, 147, 143

Rectangle

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



125, 164, 134



119, 150, 170



161, 155, 194



194, 147, 169

Sweetspot

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



125, 164, 134



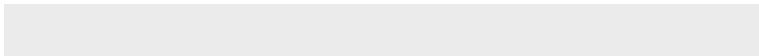
199, 214, 202



164, 135, 125



99, 107, 101



235, 235, 235



107, 107, 107

Same Dimension

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



125, 164, 134



152, 214, 166



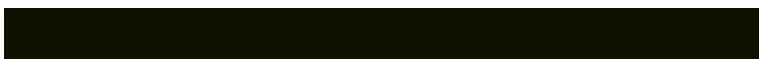
125, 164, 153



73, 82, 75



0, 145, 33



0, 18, 4

Inverse Universe

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



134, 125, 164



166, 152, 214



153, 125, 164



75, 73, 82



34, 0, 145



4, 0, 18

Previews

White Background



This preview shows how the RYB color 125, 164, 134 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 125, 164, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

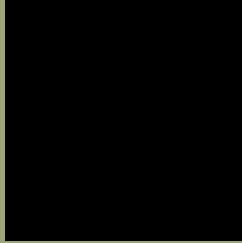
Any Text WCAG AA ✓ Pass

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 125, 164, 134 Background



This preview shows how black text looks on a background with the RYB color 125, 164, 134.



This preview shows how white text looks on a background with the RYB color 125, 164, 134.

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
125, 164, 134

Protanopia
137, 170, 123

Deuteranopia
186, 173, 127



Tritanopia
161, 158, 170

Trichromacy



Original Color

125, 164, 134

Protanomaly

128, 165, 124

Deuteranomaly

154, 175, 126

Tritanomaly

154, 160, 155

Monochromacy



Original Color

125, 164, 134

Achromatopsia

157, 157, 157

Achromatomaly

145, 160, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 164, 134 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(155, 164, 125) looks like.

```
.text, #text, p{  
    color:rgb(155, 164, 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(155, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 164, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 164, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

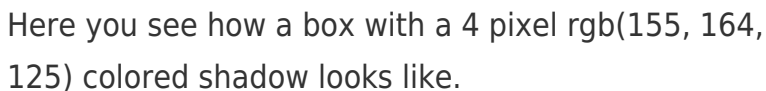
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 164, 125) }
```

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

```
.border{ border-color:rgb(155, 164, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 164, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 164, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 164, 125); box-shadow:4px 4px 4px 4px rgb(155, 164, 125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 164, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 164, 125) }
```

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

```
.background{ background-color: rgb(155,  
164, 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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