

Converting Colors

`RYB(149, 154, 125)`

Have a look what the booklet for
RYB(149, 154, 125) contains.

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Color

R_YB(149, 154, 125)

Conversions

Conversions Part 1

Format	Color
Hex	9A8D7D
RGB	154, 141, 125
RGB Percent	60%, 55%, 49%
CMY	0.3961, 0.4476, 0.5098
CMYK	0.00, 0.09, 0.19, 0.40
HSL	33°, 13%, 55%
HSV	33°, 19%, 60%
XYZ	26.5335, 27.3615, 23.2849
YIQ	143.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

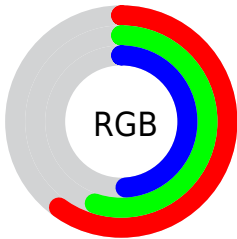
Format	Color
RYB	149, 154, 125
Decimal	10128765
CIELab	59.31, 2.18, 10.24
CIElCh	59, 10.469, 77.988
Yxy	27.3615, 0.3438, 0.3545
Android (android.graphics.Color)	4288318845 (0xFF9A8D7D)
YUV	143.0630, -8.9051, 9.5917
Hunter-Lab	52.3082, -0.9948, 10.2230

Details

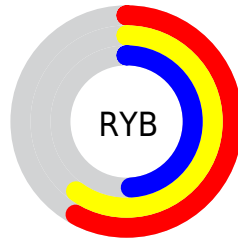
The RYB color **149, 154, 125** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **125, 134, 154**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **204, 209, 178**, and **98, 103, 76** is the 20% darker color. If you saturate the color by 10%, you get **147, 154, 110**, and if you desaturate by 10%, it is **151, 154, 140**.

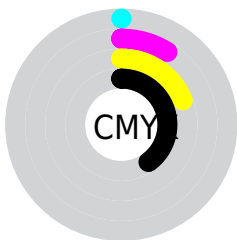
Distribution



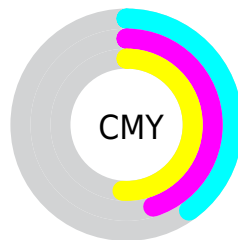
- Red (60%)
- Green (55%)
- Blue (49%)



- Red (58%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 154, 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 149, 154, 125 by changing the saturation by 10% instead.


 149, 154, 125


255, 255, 255

 207, 209, 178


 233, 237, 205

 238, 255, 233

 149, 154, 125


 124, 128, 100

 98, 103, 76


 73, 78, 53

 50, 55, 32


 23, 34, 9


 0, 0, 0


 149, 154, 125

 147, 154, 110

 143, 154, 94

 149, 154, 125

 151, 154, 140

 154, 155, 156

■ 141, 154, 79

■ 154, 159, 171

■ 138, 154, 63

■ 154, 164, 187

■ 136, 154, 48

■ 154, 169, 202

■ 134, 154, 33

■ 154, 174, 217

■ 130, 154, 17

■ 154, 179, 233

■ 128, 154, 2

■ 154, 184, 248

■ 128, 154, 0

■ 154, 187, 255

Harmonies

Analogous

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



161, 142, 129



149, 154, 125



125, 144, 125

Triad

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



149, 154, 125



120, 134, 148



151, 139, 155

Complementary

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



149, 154, 125



125, 134, 154

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.



140, 142, 160



149, 154, 125



121, 136, 156

Square

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



149, 154, 125



125, 139, 148



129, 140, 160



159, 137, 147

Rectangle

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



149, 154, 125



128, 146, 137



129, 140, 160



148, 140, 157

Sweetspot

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



149, 154, 125



198, 201, 189



154, 125, 139



100, 102, 95



230, 230, 230



102, 102, 102

Same Dimension

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



149, 154, 125



194, 201, 155



125, 154, 126



77, 77, 69



115, 140, 0



11, 13, 0

Inverse Universe

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



125, 134, 154



155, 169, 201



126, 125, 154



69, 71, 77



0, 44, 140



0, 4, 13

Previews

White Background



This preview shows how the RYB color 149, 154, 125 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 149, 154, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

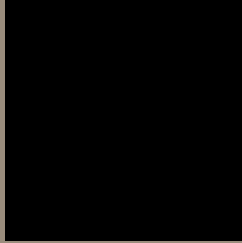
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 149, 154, 125 Background



This preview shows how black text looks on a background with the RYB color 149, 154, 125.



This preview shows how white text looks on a background with the RYB color 149, 154, 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


149, 154, 125

Protanopia

136, 149, 126

Deuteranopia

163, 144, 126



Tritanopia

157, 137, 148

Trichromacy



Original Color

149, 154, 125

Protanomaly

140, 151, 126

Deuteranomaly

160, 147, 126

Tritanomaly

156, 138, 140

Monochromacy



Original Color

149, 154, 125

Achromatopsia

143, 143, 143

Achromatomaly

145, 147, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 154, 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(154, 141, 125) looks like.

```
.text, #text, p{  
    color:rgb(154, 141, 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(154, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 141, 125) }
```

Border

The CSS property to change the border of an element to RYB 149, 154, 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(154, 141, 125) }
```

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

```
.border{ border-color:rgb(154, 141, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 141, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 141,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 149, 154, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 141, 125) }
```

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

```
.background{ background-color: rgb(154,  
141, 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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