

Converting Colors

`RYB(154, 161, 129)`

Have a look what the booklet for
RYB(154, 161, 129) contains.

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Color

R_YB(154, 161, 129)

Conversions

Conversions Part 1

Format	Color
Hex	A19381
RGB	161, 147, 129
RGB Percent	63%, 58%, 51%
CMY	0.3686, 0.4237, 0.4941
CMYK	0.00, 0.09, 0.20, 0.37
HSL	34°, 15%, 57%
HSV	34°, 20%, 63%
XYZ	29.0887, 30.0186, 25.0299
YIQ	149.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

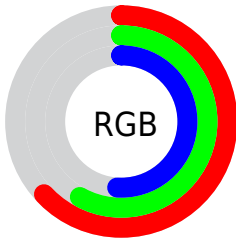
Format	Color
RYB	154, 161, 129
Decimal	10589057
CIELab	61.67, 2.16, 11.40
CIElCh	62, 11.601, 79.248
Yxy	30.0186, 0.3457, 0.3568
Android (android.graphics.Color)	4288779137 (0xFFA19381)
YUV	149.1340, -9.9261, 10.4065
Hunter-Lab	54.7892, -1.1120, 11.2664

Details

The RYB color **154, 161, 129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **129, 139, 161**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **209, 216, 182**, and **100, 109, 80** is the 20% darker color. If you saturate the color by 10%, you get **150, 161, 113**, and if you desaturate by 10%, it is **157, 161, 145**.

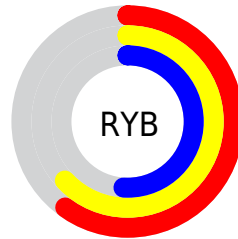
Distribution



Red (63%)

Green (58%)

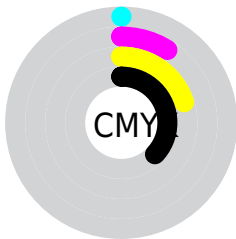
Blue (51%)



Red (60%)

Yellow (63%)

Blue (51%)

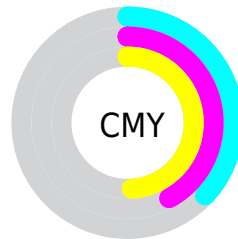


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 161, 129 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 154, 161, 129 by changing the saturation by 10% instead.

 154, 161, 129


255, 255, 255

 209, 216, 182

 238, 245, 209

 238, 255, 238


 154, 161, 129

 130, 135, 104

 104, 109, 80


 78, 85, 57


 54, 61, 35


 31, 39, 14


 14, 6, 0

 0, 0, 0

 154, 161, 129

 150, 161, 113

 154, 161, 129

 157, 161, 145

■ 147, 161, 97

■ 161, 161, 161

■ 143, 161, 81

■ 161, 166, 177

■ 140, 161, 65

■ 161, 171, 193

■ 136, 161, 49

■ 161, 176, 210

■ 131, 161, 32

■ 161, 181, 226

■ 127, 161, 16

■ 161, 185, 242

■ 127, 161, 0

■ 161, 190, 255

■ 161, 194, 255

Harmonies

Analogous

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



169, 148, 134



154, 161, 129



130, 150, 130

Triad

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



154, 161, 129



123, 139, 155



159, 144, 162

Complementary

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



154, 161, 129



129, 139, 161

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.



146, 148, 168



154, 161, 129



125, 142, 164

Square

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



154, 161, 129



128, 145, 155



134, 145, 169



168, 142, 153

Rectangle

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



154, 161, 129



133, 152, 143



134, 145, 169



155, 145, 165

Sweetspot

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



154, 161, 129



206, 209, 197



161, 129, 143



105, 105, 97



232, 232, 232



105, 105, 105

Same Dimension

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



154, 161, 129



198, 209, 159



129, 161, 131



80, 82, 73



111, 145, 0



14, 18, 0

Inverse Universe

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



129, 139, 161



159, 174, 209



131, 129, 161



73, 76, 82



0, 44, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 154, 161, 129 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 154, 161, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

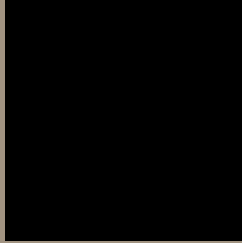
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

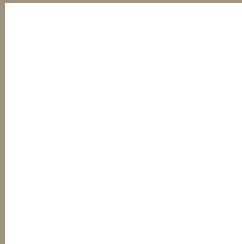
Any Text WCAG AAA ✓ Pass

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

RYB 154, 161, 129 Background



This preview shows how black text looks on a background with the RYB color 154, 161, 129.



This preview shows how white text looks on a background with the RYB color 154, 161, 129.

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
154, 161, 129

Protanopia
140, 156, 130

Deuteranopia
170, 149, 130



Tritanopia
164, 143, 155

Trichromacy



Original Color

154, 161, 129

Protanomaly

146, 158, 130

Deuteranomaly

167, 153, 130

Tritanomaly

163, 144, 146

Monochromacy



Original Color

154, 161, 129

Achromatopsia

149, 149, 149

Achromatomaly

151, 153, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 161, 129 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(161, 147, 129) looks like.

```
.text, #text, p{  
    color:rgb(161, 147, 129)  
}
```

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(161, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 147, 129) }
```

Border

The CSS property to change the border of an element to RYB 154, 161, 129 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(161, 147, 129) }
```

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

```
.border{ border-color:rgb(161, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 147, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 147, 129); box-shadow:4px 4px 4px 4px rgb(161, 147, 129) }
```

Background

The CSS property to change the background color of an element to RYB 154, 161, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 147, 129) }
```

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

```
.background{ background-color: rgb(161,  
147, 129) }
```

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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