

Converting Colors

`RYB(10, 154, 134)`

Have a look what the booklet for
RYB(10, 154, 134) contains.

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Color

R_YB(10, 154, 134)

Conversions

Conversions Part 1

Format	Color
Hex	1E9A0A
RGB	30, 154, 10
RGB Percent	12%, 60%, 4%
CMY	0.8824, 0.3961, 0.9608
CMYK	0.81, 0.00, 0.94, 0.40
HSL	112°, 88%, 32%
HSV	112°, 94%, 60%
XYZ	12.1458, 23.4091, 4.1654
YIQ	100.5080, -27.6800, -71.0720

Conversions

Conversions Part 2

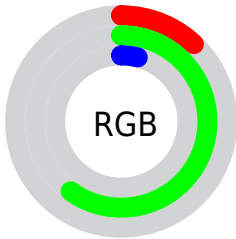
Format	Color
RYB	10, 154, 134
Decimal	2005514
CIELab	55.49, -56.31, 55.87
CIELCh	55, 79.323, 135.223
Yxy	23.4091, 0.3058, 0.5893
Android (android.graphics.Color)	4280195594 (0xFF1E9A0A)
YUV	100.5080, -44.6204, -61.8355
Hunter-Lab	48.3830, -39.8605, 28.7637

Details

The RYB color **10, 154, 134** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **134, 10, 154**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **74, 210, 185**, and **0, 101, 101** is the 20% darker color. If you saturate the color by 10%, you get **0, 154, 133**, and if you desaturate by 10%, it is **25, 154, 136**.

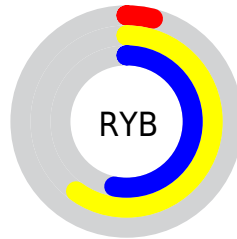
Distribution



Red (12%)

Green (60%)

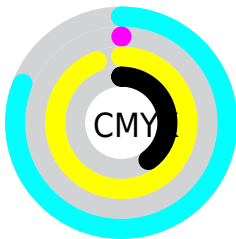
Blue (4%)



Red (4%)

Yellow (60%)

Blue (53%)

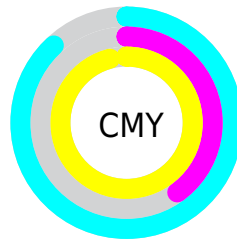


Cyan (81%)

Magenta (0%)

Yellow (94%)

Black (40%)



Cyan (88%)









Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the RYB color 10, 154, 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 10, 154, 134 by changing the saturation by 10% instead.

 10, 154, 134	 10, 154, 134
255, 255, 255	 0, 127, 127
 74, 210, 185	 0, 101, 101
 101, 238, 210	 0, 76, 76
 128, 255, 224	 0, 53, 53
 156, 255, 223	 0, 28, 28
 184, 255, 221	 0, 0, 0
 212, 255, 219	
 241, 255, 241	
 10, 154, 134	 10, 154, 134

■ 0, 154, 133

■ 25, 154, 136

■ 41, 154, 138

■ 56, 154, 140

■ 72, 154, 143

■ 87, 154, 145

■ 102, 154, 146

■ 118, 154, 149

■ 133, 154, 151

■ 149, 154, 154

Harmonies

Analogous

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



0, 141, 12



10, 154, 134



0, 100, 160

Triad

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



10, 154, 134



0, 95, 255



252, 45, 101

Complementary

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



10, 154, 134



134, 10, 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.



237, 53, 170



10, 154, 134



0, 86, 255

Square

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



10, 154, 134



0, 94, 230



178, 95, 231



232, 97, 34

Rectangle

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



10, 154, 134



0, 86, 162



178, 95, 231



251, 39, 124

Sweetspot

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



10, 154, 134



145, 201, 193



36, 154, 10



67, 102, 97



230, 230, 230



102, 102, 102

Same Dimension

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



10, 154, 134



0, 201, 173



10, 117, 154



69, 77, 76



0, 140, 121



0, 13, 11

Inverse Universe

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



134, 10, 154



173, 0, 201



154, 10, 104



75, 69, 77



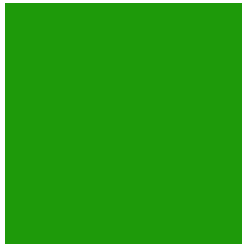
121, 0, 140



11, 0, 13

Previews

White Background



This preview shows how the RYB color 10, 154, 134 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 10, 154, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

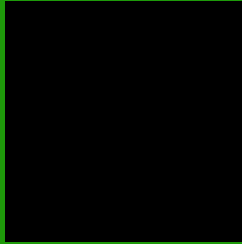
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 10, 154, 134 Background



This preview shows how black text looks on a background with the RGB color 10, 154, 134.



This preview shows how white text looks on a background with the RGB color 10, 154, 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
10, 154, 134

Protanopia
19, 149, 0

Deuteranopia
93, 166, 34



Tritanopia
70, 109, 155

Trichromacy



Original Color

10, 154, 134



Protanomaly

4, 140, 38



Deuteranomaly

25, 136, 44



Tritanomaly

55, 116, 147

Monochromacy



Original Color

10, 154, 134



Achromatopsia

101, 101, 101



Achromatomaly

68, 120, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 10, 154, 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(30, 154, 10)` looks like.

```
.text, #text, p{  
    color:rgb(30, 154, 10)  
}
```

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(30, 154, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 154, 10) }
```

Border

The CSS property to change the border of an element to RYB 10, 154, 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(30, 154, 10) }
```

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

```
.border{ border-color:rgb(30, 154, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 154, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 154, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 154, 10);  
box-shadow:4px 4px 4px 4px rgb(30, 154,  
10) }
```

Background

The CSS property to change the background color of an element to RYB 10, 154, 134 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 154, 10) }
```

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

```
.background{ background-color: rgb(30, 154,  
10) }
```

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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