

Converting Colors

`RYB(154, 182, 101)`

Have a look what the booklet for
RYB(154, 182, 101) contains.

RYB(154, 182, 101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(154, 182, 101)

Conversions

Conversions Part 1

Format	Color
Hex	B69665
RGB	182, 150, 101
RGB Percent	71%, 59%, 40%
CMY	0.2863, 0.4119, 0.6039
CMYK	0.00, 0.18, 0.45, 0.29
HSL	36°, 36%, 55%
HSV	36°, 45%, 71%
XYZ	32.5408, 32.6855, 16.9058
YIQ	153.9820, 34.8010, -8.4550

Conversions

Conversions Part 2

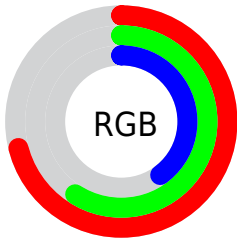
Format	Color
RYB	154, 182, 101
Decimal	11966053
CIELab	63.91, 5.36, 30.27
CIELCh	64, 30.745, 79.952
Yxy	32.6855, 0.3962, 0.3980
Android (android.graphics.Color)	4290156133 (0xFFB69665)
YUV	153.9820, -26.1201, 24.5718
Hunter-Lab	57.1712, 1.5492, 22.4875

Details

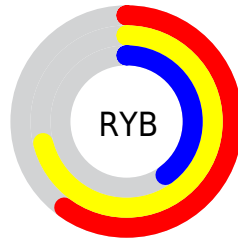
The RYB color **154, 182, 101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **101, 124, 182**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **212, 239, 153**, and **98, 127, 53** is the 20% darker color. If you saturate the color by 10%, you get **147, 182, 83**, and if you desaturate by 10%, it is **160, 182, 119**.

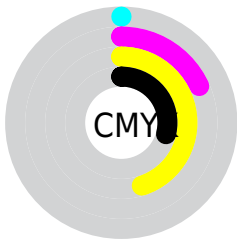
Distribution



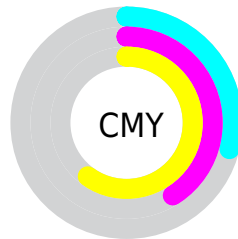
- Red (71%)
- Green (59%)
- Blue (40%)



- Red (60%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 182, 101 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, 182, 101 by changing the saturation by 10% instead.

 154, 182, 101


255, 255, 255

 212, 239, 153

 213, 255, 180


 207, 255, 207

 236, 255, 236

 154, 182, 101

 126, 154, 77

 98, 127, 53

 69, 101, 30

 40, 75, 7


 30, 51, 0


 27, 14, 0

 0, 0, 0

 154, 182, 101

 147, 182, 83

 154, 182, 101

 160, 182, 119

■ 141, 182, 65

■ 167, 182, 137

■ 136, 182, 46

■ 172, 182, 156

■ 129, 182, 28

■ 179, 182, 174

■ 122, 182, 10

■ 182, 185, 192

■ 119, 182, 0

■ 182, 190, 210

■ 182, 195, 228

■ 182, 201, 247

■ 182, 205, 255

Harmonies

Analogous

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



201, 153, 114



154, 182, 101



103, 159, 107

Triad

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



154, 182, 101



63, 117, 173



181, 141, 190

Complementary

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



154, 182, 101



101, 124, 182

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.



145, 150, 206



154, 182, 101



67, 123, 196

Square

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



154, 182, 101



91, 137, 169



103, 140, 208



203, 135, 165

Rectangle

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



154, 182, 101



112, 164, 142



103, 140, 208



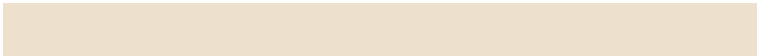
170, 145, 197

Sweetspot

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



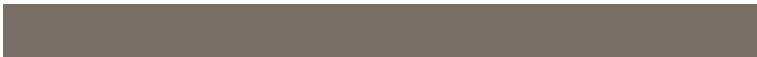
154, 182, 101



226, 237, 206



182, 101, 133



115, 120, 101



247, 247, 247



120, 120, 120

Same Dimension

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



154, 182, 101



194, 237, 111



101, 182, 109



90, 92, 83



103, 156, 0



18, 28, 0

Inverse Universe

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



101, 124, 182



111, 147, 237



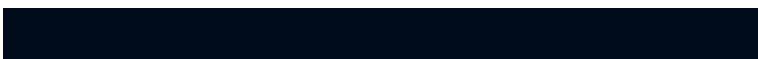
109, 101, 182



83, 85, 92



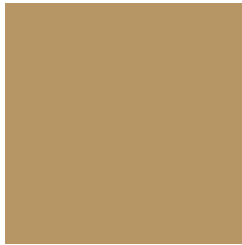
0, 44, 156



0, 8, 28

Previews

White Background



This preview shows how the RYB color 154, 182, 101 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 154, 182, 101 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, 182, 101 Background



This preview shows how black text looks on a background with the RYB color 154, 182, 101.



This preview shows how white text looks on a background with the RYB color 154, 182, 101.

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, 182, 101

Protanopia
119, 168, 103

Deuteranopia
170, 186, 101



Tritanopia
187, 143, 154

Trichromacy



Original Color

154, 182, 101

Protanomaly

130, 173, 102

Deuteranomaly

164, 185, 101

Tritanomaly

185, 149, 135

Monochromacy



Original Color

154, 182, 101

Achromatopsia

154, 154, 154

Achromatomaly

153, 164, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 182, 101 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(182, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(182, 150, 101)  
}
```

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(182, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 150, 101) }
```

Border

The CSS property to change the border of an element to RYB 154, 182, 101 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(182, 150, 101) }
```

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

```
.border{ border-color:rgb(182, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(182, 150,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 154, 182, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 150, 101) }
```

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

```
.background{ background-color: rgb(182,  
150, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor