

Converting Colors

`RYB(122, 155, 101)`

Have a look what the booklet for
RYB(122, 155, 101) contains.

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Color

R_YB(122, 155, 101)

Conversions

Conversions Part 1

Format	Color
Hex	9B8C65
RGB	155, 140, 101
RGB Percent	61%, 55%, 40%
CMY	0.3922, 0.4515, 0.6039
CMYK	0.00, 0.10, 0.35, 0.39
HSL	43°, 21%, 50%
HSV	43°, 35%, 61%
XYZ	25.2271, 26.6293, 16.1223
YIQ	140.0390, 21.4590, -8.9490

Conversions

Conversions Part 2

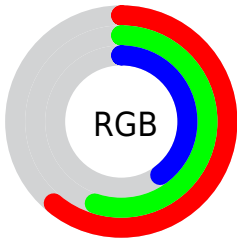
Format	Color
RYB	122, 155, 101
Decimal	10194021
CIELab	58.63, -0.35, 22.86
CIELCh	59, 22.866, 90.884
Yxy	26.6293, 0.3711, 0.3917
Android (android.graphics.Color)	4288384101 (0xFF9B8C65)
YUV	140.0390, -19.2462, 13.1208
Hunter-Lab	51.6035, -3.0441, 17.5988

Details

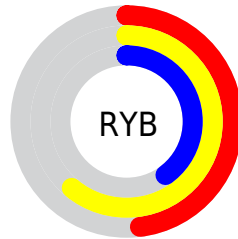
The RYB color **122, 155, 101** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **101, 113, 155**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **176, 210, 152**, and **72, 103, 54** is the 20% darker color. If you saturate the color by 10%, you get **112, 155, 86**, and if you desaturate by 10%, it is **132, 155, 117**.

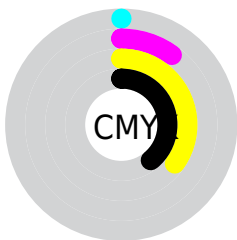
Distribution



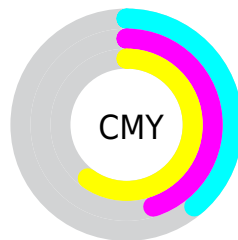
- Red (61%)
- Green (55%)
- Blue (40%)



- Red (48%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (39%)




- Cyan (39%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 155, 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 122, 155, 101 by changing the saturation by 10% instead.

 122, 155, 101


255, 255, 255

 176, 210, 152


 205, 239, 179


 213, 255, 207

 235, 255, 235


 122, 155, 101

 96, 128, 77


 72, 103, 54

 46, 78, 32


 20, 54, 9


 11, 32, 0

 0, 0, 0


 122, 155, 101

 112, 155, 86

 103, 155, 70

 122, 155, 101

 132, 155, 117

 140, 155, 132

■ 93, 155, 54

■ 150, 155, 147

■ 83, 155, 39

■ 155, 157, 163

■ 74, 155, 23

■ 155, 160, 179

■ 65, 155, 8

■ 155, 164, 194

■ 60, 155, 0

■ 155, 167, 209

■ 155, 171, 225

■ 155, 174, 241

Harmonies

Analogous

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



172, 150, 107



122, 155, 101



106, 146, 119

Triad

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



122, 155, 101



81, 119, 161



167, 129, 161

Complementary

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



122, 155, 101



101, 113, 155

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, 136, 175



122, 155, 101



91, 125, 175

Square

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



122, 155, 101



90, 124, 152



117, 135, 181



180, 126, 141

Rectangle

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



122, 155, 101



115, 149, 146



117, 135, 181



161, 131, 166

Sweetspot

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



122, 155, 101



188, 201, 181



155, 101, 116



94, 102, 90



230, 230, 230



102, 102, 102

Same Dimension

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



122, 155, 101



149, 201, 117



101, 155, 113



74, 77, 69



54, 140, 0



6, 13, 0

Inverse Universe

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



101, 113, 155



117, 136, 201



113, 101, 155



69, 71, 77



0, 31, 140



0, 3, 13

Previews

White Background



This preview shows how the RYB color 122, 155, 101 looks on a white background.

Color Contrast Check

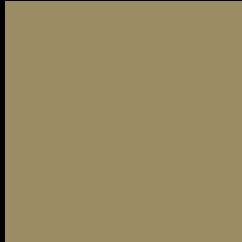
Large Text (above 18pt) WCAG AA ✓ Pass

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 122, 155, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

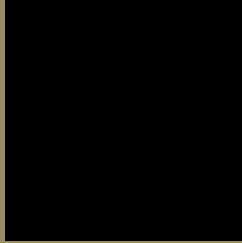
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 122, 155, 101 Background



This preview shows how black text looks on a background with the RYB color 122, 155, 101.



This preview shows how white text looks on a background with the RYB color 122, 155, 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
122, 155, 101

Protanopia
115, 152, 101

Deuteranopia
165, 167, 102



Tritanopia
160, 134, 145

Trichromacy



Original Color

122, 155, 101

Protanomaly

117, 153, 101

Deuteranomaly

147, 163, 102

Tritanomaly

158, 138, 129

Monochromacy



Original Color

122, 155, 101

Achromatopsia

140, 140, 140

Achromatomaly

133, 145, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 155, 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(155, 140, 101)` looks like.

```
.text, #text, p{  
    color:rgb(155, 140, 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(155, 140, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 140, 101) }
```

Border

The CSS property to change the border of an element to RYB 122, 155, 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(155, 140, 101) }
```

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

```
.border{ border-color:rgb(155, 140, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 140, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 140, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 140, 101); box-shadow:4px 4px 4px 4px rgb(155, 140, 101) }
```

Background

The CSS property to change the background color of an element to RYB 122, 155, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 140, 101) }
```

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

```
.background{ background-color: rgb(155,  
140, 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](#).

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