

Converting Colors

`RYB(128, 155, 122)`

Have a look what the booklet for
RYB(128, 155, 122) contains.

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Color

R_YB(128, 155, 122)

Conversions

Conversions Part 1

Format	Color
Hex	9B967A
RGB	155, 150, 122
RGB Percent	61%, 59%, 48%
CMY	0.3922, 0.4121, 0.5216
CMYK	0.00, 0.03, 0.21, 0.39
HSL	51°, 14%, 54%
HSV	51°, 21%, 61%
XYZ	27.9245, 30.1619, 22.7624
YIQ	148.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

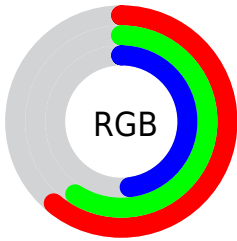
Format	Color
RYB	128, 155, 122
Decimal	10196602
CIELab	61.79, -2.92, 15.43
CIELCh	62, 15.702, 100.732
Yxy	30.1619, 0.3454, 0.3731
Android (android.graphics.Color)	4288386682 (0xFF9B967A)
YUV	148.3030, -12.9674, 5.8733
Hunter-Lab	54.9198, -5.3497, 13.8702

Details

The RYB color **128, 155, 122** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122, 126, 155**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **181, 210, 174**, and **78, 103, 73** is the 20% darker color. If you saturate the color by 10%, you get **115, 155, 107**, and if you desaturate by 10%, it is **142, 155, 138**.

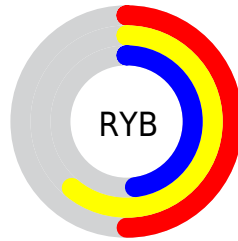
Distribution



Red (61%)

Green (59%)

Blue (48%)



Red (50%)

Yellow (61%)

Blue (48%)

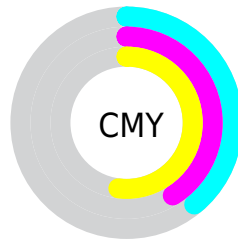


Cyan (0%)

Magenta (3%)

Yellow (21%)

Black (39%)



Cyan (39%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 155, 122 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 128, 155, 122 by changing the saturation by 10% instead.

 128, 155, 122

255, 255, 255

 181, 210, 174

 209, 238, 202

 230, 255, 230


 128, 155, 122

 103, 129, 97

 78, 103, 73

 56, 79, 51

 32, 56, 29

 8, 35, 5

 0, 9, 7

 0, 0, 0

 128, 155, 122

 115, 155, 107

 128, 155, 122

 142, 155, 138

■ 103, 155, 91

■ 153, 155, 153

■ 90, 155, 76

■ 155, 157, 169

■ 78, 155, 60

■ 155, 159, 184

■ 65, 155, 45

■ 155, 161, 200

■ 51, 155, 29

■ 155, 163, 215

■ 40, 155, 14

■ 155, 165, 231

■ 28, 155, 0

■ 155, 167, 246

■ 155, 169, 255

Harmonies

Analogous

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



168, 166, 123



128, 155, 122



128, 154, 143

Triad

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



128, 155, 122



113, 137, 167



172, 141, 159

Complementary

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



128, 155, 122



122, 126, 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.



158, 144, 170



128, 155, 122



123, 142, 175

Square

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



128, 155, 122



114, 136, 157



140, 147, 176



178, 140, 145

Rectangle

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



128, 155, 122



129, 151, 156



140, 147, 176



168, 142, 163

Sweetspot

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



128, 155, 122



190, 201, 189



155, 122, 128



96, 102, 95



230, 230, 230



102, 102, 102

Same Dimension

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



128, 155, 122



158, 201, 149



122, 155, 133



72, 77, 69



25, 140, 0



2, 13, 0

Inverse Universe

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



122, 126, 155



149, 156, 201



133, 122, 155



69, 70, 77



0, 19, 140



0, 2, 13

Previews

White Background



This preview shows how the RYB color 128, 155, 122 looks on a white background.

Color Contrast Check

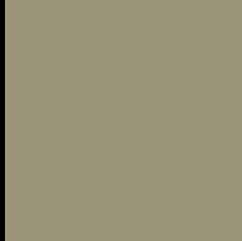
Large Text (above 18pt) WCAG AA × Fail

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 128, 155, 122 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 128, 155, 122 Background



This preview shows how black text looks on a background with the RYB color 128, 155, 122.



This preview shows how white text looks on a background with the RYB color 128, 155, 122.

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
[128](#), [155](#), [122](#)

Protanopia
[134](#), [158](#), [122](#)

Deuteranopia
[173](#), [156](#), [123](#)



Tritanopia
159, 145, 157

Trichromacy



Original Color

128, 155, 122

Protanomaly

132, 157, 122

Deuteranomaly

160, 166, 123

Tritanomaly

158, 148, 144

Monochromacy



Original Color

128, 155, 122

Achromatopsia

148, 148, 148

Achromatomaly

141, 151, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 155, 122 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, 150, 122) looks like.

```
.text, #text, p{  
    color:rgb(155, 150, 122)  
}
```

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, 150, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 150, 122) }
```

Border

The CSS property to change the border of an element to RYB 128, 155, 122 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, 150, 122) }
```

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

```
.border{ border-color:rgb(155, 150, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 150, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 150, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 150, 122); box-shadow:4px 4px 4px 4px rgb(155, 150, 122) }
```

Background

The CSS property to change the background color of an element to RYB 128, 155, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 150, 122) }
```

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

```
.background{ background-color: rgb(155,  
150, 122) }
```

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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