

Converting Colors

`RYB(102, 153, 129)`

Have a look what the booklet for
RYB(102, 153, 129) contains.

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Color

R_YB(102, 153, 129)

Conversions

Conversions Part 1

Format	Color
Hex	7E9966
RGB	126, 153, 102
RGB Percent	49%, 60%, 40%
CMY	0.5059, 0.4000, 0.6000
CMYK	0.18, 0.00, 0.33, 0.40
HSL	92°, 20%, 50%
HSV	92°, 33%, 60%
XYZ	22.3937, 28.1774, 16.8289
YIQ	139.1130, 0.2790, -21.5850

Conversions

Conversions Part 2

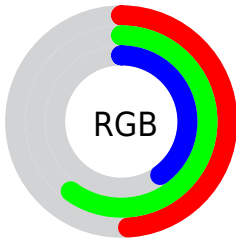
Format	Color
RYB	102, 153, 129
Decimal	8296806
CIELab	60.05, -18.98, 23.79
CIElCh	60, 30.431, 128.588
Yxy	28.1774, 0.3323, 0.4181
Android (android.graphics.Color)	4286486886 (0xFF7E9966)
YUV	139.1130, -18.2967, -11.5001
Hunter-Lab	53.0824, -17.5910, 18.3608

Details

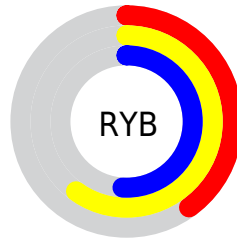
The RYB color **102, 153, 129** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129, 102, 153**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **153, 207, 181**, and **54, 102, 80** is the 20% darker color. If you saturate the color by 10%, you get **87, 153, 122**, and if you desaturate by 10%, it is **117, 153, 136**.

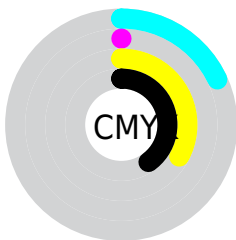
Distribution



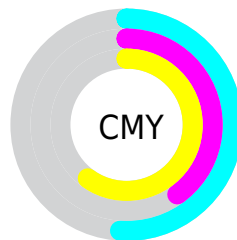
- Red (49%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 102, 153, 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 102, 153, 129 by changing the saturation by 10% instead.

■ 102, 153, 129

255, 255, 255

■ 153, 207, 181

■ 180, 236, 209

■ 208, 255, 227

■ 236, 255, 236

■ 102, 153, 129

■ 87, 153, 122

■ 71, 153, 114

■ 102, 153, 129

■ 78, 127, 104

■ 54, 102, 80

■ 32, 78, 58

■ 10, 55, 35

■ 0, 33, 27

■ 0, 0, 0

■ 102, 153, 129

■ 117, 153, 136

■ 133, 153, 144

■ 56, 153, 107

■ 148, 153, 151

■ 41, 153, 100

■ 158, 153, 163

■ 26, 153, 93

■ 166, 153, 179

■ 10, 153, 86

■ 175, 153, 194

■ 0, 153, 81

■ 183, 153, 209

■ 191, 153, 224

■ 199, 153, 240

Harmonies

Analogous

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



101, 155, 91



102, 153, 129



94, 138, 158

Triad

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



102, 153, 129



77, 123, 194



197, 124, 138

Complementary

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



102, 153, 129



129, 102, 153

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.



185, 127, 165



102, 153, 129



120, 139, 197

Square

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



102, 153, 129



48, 107, 177



158, 135, 187



194, 131, 113

Rectangle

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



102, 153, 129



72, 120, 159



158, 135, 187



195, 124, 147

Sweetspot

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



102, 153, 129



179, 199, 190



151, 153, 102



88, 99, 94



227, 227, 227



99, 99, 99

Same Dimension

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



102, 153, 129



119, 199, 161



102, 152, 153



69, 77, 74



0, 140, 74



0, 13, 7

Inverse Universe

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



129, 102, 153



161, 119, 199



153, 102, 152



73, 69, 77



74, 0, 140



7, 0, 13

Previews

White Background



This preview shows how the RYB color 102, 153, 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 102, 153, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

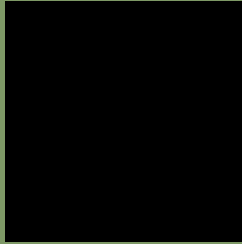
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 102, 153, 129 Background



This preview shows how black text looks on a background with the RYB color 102, 153, 129.

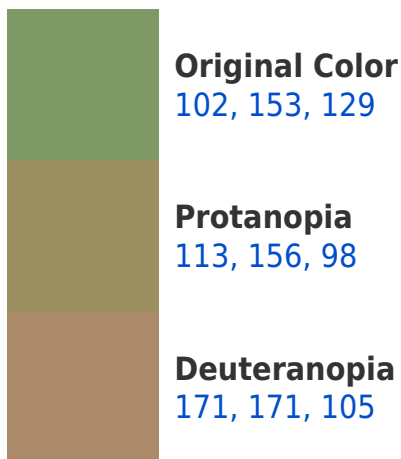


This preview shows how white text looks on a background with the RYB color 102, 153, 129.

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





Tritanopia

134, 142, 158

Trichromacy



Original Color
102, 153, 129

Protanomaly
99, 147, 101

Deuteranomaly
120, 155, 104

Tritanomaly
131, 144, 149

Monochromacy



Original Color
102, 153, 129

Achromatopsia
139, 139, 139

Achromatomaly
126, 144, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 102, 153, 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(126, 153, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 153, 102)  
}
```

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(126, 153, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 153, 102) }
```

Border

The CSS property to change the border of an element to RYB 102, 153, 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(126, 153, 102) }
```

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

```
.border{ border-color:rgb(126, 153, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 153, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 153, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 153, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 153,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 102, 153, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 153, 102) }
```

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

```
.background{ background-color: rgb(126,  
153, 102) }
```

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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