

Converting Colors

`RYB(103, 152, 147)`

Have a look what the booklet for
RYB(103, 152, 147) contains.

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Color

R_YB(103, 152, 147)

Conversions

Conversions Part 1

Format	Color
Hex	6C9867
RGB	108, 152, 103
RGB Percent	42%, 60%, 40%
CMY	0.5765, 0.4039, 0.5961
CMYK	0.29, 0.00, 0.32, 0.40
HSL	114°, 19%, 50%
HSV	114°, 32%, 60%
XYZ	19.8608, 26.6239, 16.9241
YIQ	133.2580, -10.4950, -24.5670

Conversions

Conversions Part 2

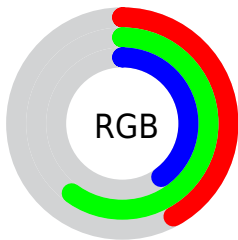
Format	Color
RYB	103, 152, 147
Decimal	7116903
CIELab	58.62, -24.95, 21.13
CIELCh	59, 32.698, 139.745
Yxy	26.6239, 0.3132, 0.4199
Android (android.graphics.Color)	4285306983 (0xFF6C9867)
YUV	133.2580, -14.9172, -22.1513
Hunter-Lab	51.5983, -21.5905, 16.6719

Details

The RYB color **103, 152, 147** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **147, 103, 152**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **154, 207, 200**, and **55, 101, 98** is the 20% darker color. If you saturate the color by 10%, you get **88, 152, 146**, and if you desaturate by 10%, it is **118, 152, 148**.

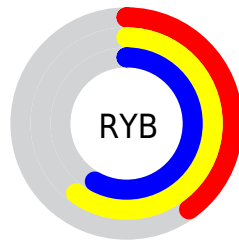
Distribution



Red (42%)

Green (60%)

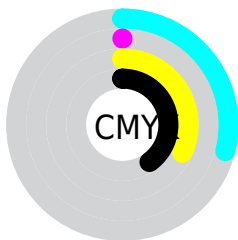
Blue (40%)



Red (40%)

Yellow (60%)

Blue (58%)

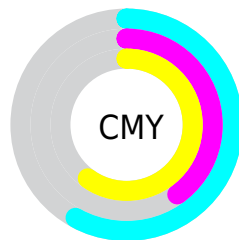


Cyan (29%)

Magenta (0%)

Yellow (32%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 152, 147 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 103, 152, 147 by changing the saturation by 10% instead.

 103, 152, 147

255, 255, 255


 154, 207, 200

 181, 235, 228

 209, 255, 248

 237, 255, 247

 103, 152, 147

 79, 126, 122

 55, 101, 98


 33, 76, 75


 9, 51, 53

 0, 33, 33

 0, 0, 0

 103, 152, 147


 88, 152, 146

 73, 152, 144


 103, 152, 147

 118, 152, 148


 133, 152, 150


 57, 152, 142


 149, 152, 152


 42, 152, 141

 163, 152, 164

 27, 152, 139


 176, 152, 179


 12, 152, 138

 190, 152, 194

 0, 152, 136

 204, 152, 209

 217, 152, 225

 231, 152, 240

Harmonies

Analogous

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



86, 145, 90



103, 152, 147



71, 121, 156

Triad

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



103, 152, 147



82, 124, 197



197, 119, 123

Complementary

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



103, 152, 147



147, 103, 152

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.



190, 120, 152



103, 152, 147



130, 136, 195

Square

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



103, 152, 147



31, 99, 184



167, 127, 178



189, 138, 98

Rectangle

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



103, 152, 147



43, 101, 156



167, 127, 178



197, 119, 133

Sweetspot

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



103, 152, 147



177, 196, 194



110, 152, 103



88, 99, 98



227, 227, 227



99, 99, 99

Same Dimension

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



103, 152, 147



120, 196, 188



103, 138, 152



69, 77, 76



0, 140, 126



0, 13, 12

Inverse Universe

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



147, 103, 152



189, 120, 196



152, 103, 133



76, 69, 77



126, 0, 140



11, 0, 13

Previews

White Background



This preview shows how the RYB color 103, 152, 147 looks on a white background.

Color Contrast Check

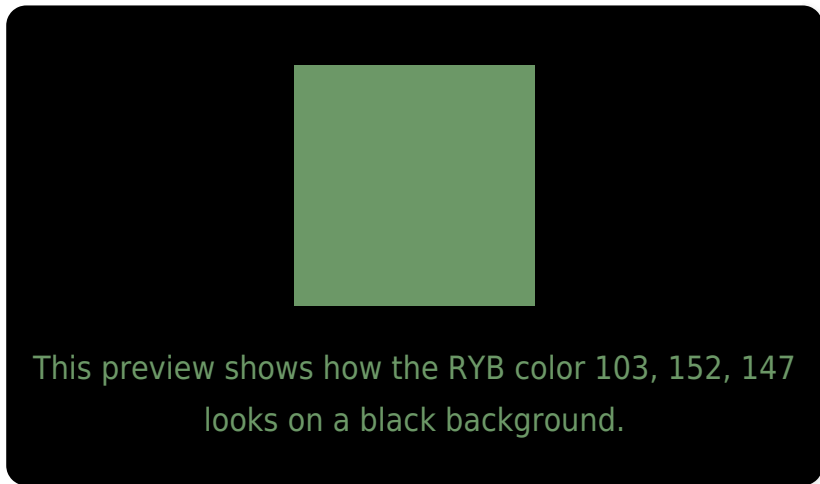
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

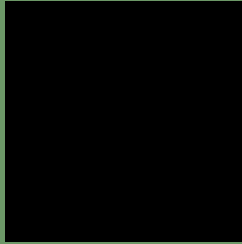
Any Text WCAG AA ✓ Pass

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 103, 152, 147 Background



This preview shows how black text looks on a background with the RYB color 103, 152, 147.

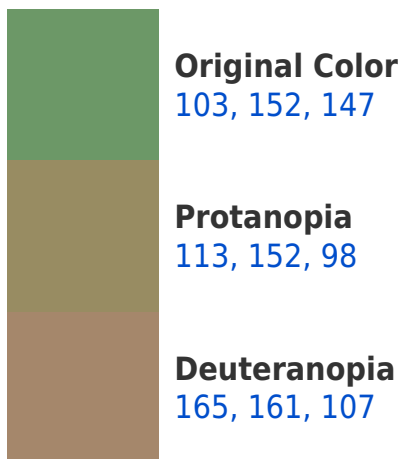


This preview shows how white text looks on a background with the RYB color 103, 152, 147.

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
117, 133, 157

Trichromacy



Original Color
103, 152, 147

Protanomaly
100, 144, 108

Deuteranomaly
109, 144, 106

Tritanomaly
114, 134, 148

Monochromacy



Original Color
103, 152, 147

Achromatopsia
133, 133, 133

Achromatomaly
122, 140, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 152, 147 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(108, 152, 103)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 103)  
}
```

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(108, 152, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 103) }
```

Border

The CSS property to change the border of an element to RYB 103, 152, 147 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(108, 152, 103) }
```

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

```
.border{ border-color:rgb(108, 152, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 152, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 152, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 152, 103);  
box-shadow:4px 4px 4px 4px rgb(108, 152,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 103, 152, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 103) }
```

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

```
.background{ background-color: rgb(108,  
152, 103) }
```

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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