

Converting Colors

`RYB(115, 162, 154)`

Have a look what the booklet for
RYB(115, 162, 154) contains.

RYB(115, 162, 154)	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(115, 162, 154)

Conversions

Conversions Part 1

Format	Color
Hex	7BA273
RGB	123, 162, 115
RGB Percent	48%, 64%, 45%
CMY	0.5176, 0.3647, 0.5490
CMYK	0.24, 0.00, 0.29, 0.36
HSL	110°, 20%, 54%
HSV	110°, 29%, 64%
XYZ	24.1832, 31.2894, 20.9845
YIQ	144.9810, -8.1570, -22.8850

Conversions

Conversions Part 2

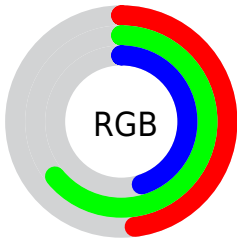
Format	Color
RYB	115, 162, 154
Decimal	8102515
CIELab	62.75, -22.61, 20.25
CIElCh	63, 30.357, 138.152
Yxy	31.2894, 0.3163, 0.4092
Android (android.graphics.Color)	4286292595 (0xFF7BA273)
YUV	144.9810, -14.7806, -19.2773
Hunter-Lab	55.9369, -20.7187, 16.9134

Details

The RYB color **115, 162, 154** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **154, 115, 162**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **167, 217, 208**, and **66, 110, 103** is the 20% darker color. If you saturate the color by 10%, you get **99, 162, 151**, and if you desaturate by 10%, it is **131, 162, 157**.

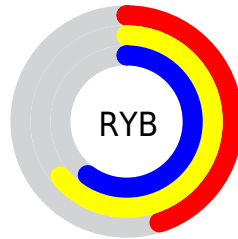
Distribution



Red (48%)

Green (64%)

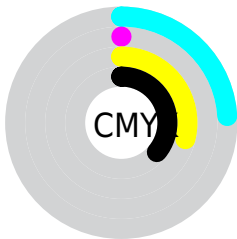
Blue (45%)



Red (45%)

Yellow (64%)

Blue (60%)

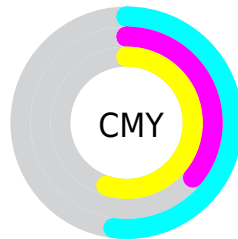


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 162, 154 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 115, 162, 154 by changing the saturation by 10% instead.

 115, 162, 154

255, 255, 255


 167, 217, 208


 194, 246, 236

 222, 255, 245

 251, 255, 251

 115, 162, 154


 90, 136, 128

 66, 110, 103

 44, 86, 81


 22, 62, 58

 0, 40, 35


 0, 17, 17

 0, 0, 0

 115, 162, 154

 99, 162, 151

 115, 162, 154

 131, 162, 157

■ 83, 162, 149

■ 147, 162, 159

■ 66, 162, 145

■ 163, 162, 164

■ 50, 162, 143

■ 177, 162, 180

■ 34, 162, 140

■ 190, 162, 196

■ 18, 162, 138

■ 204, 162, 212

■ 2, 162, 135

■ 217, 162, 228

■ 0, 162, 134

■ 231, 162, 245

■ 244, 162, 255

Harmonies

Analogous

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



100, 155, 101



115, 162, 154



91, 136, 166

Triad

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



115, 162, 154



98, 136, 204



205, 132, 136

Complementary

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



115, 162, 154



154, 115, 162

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.



198, 132, 164



115, 162, 154



140, 148, 203

Square

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



115, 162, 154



64, 120, 191



175, 139, 188



198, 148, 113

Rectangle

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



115, 162, 154



71, 121, 167



175, 139, 188



205, 131, 145

Sweetspot

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



115, 162, 154



193, 212, 209



126, 162, 115



95, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



115, 162, 154



138, 212, 200



115, 151, 162



73, 82, 80



0, 145, 120



0, 18, 15

Inverse Universe

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



154, 115, 162



199, 138, 212



162, 115, 147



80, 73, 82



121, 0, 145



15, 0, 18

Previews

White Background



This preview shows how the RYB color 115, 162, 154 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 115, 162, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

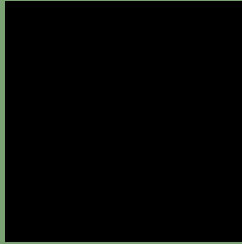
Any Text WCAG AA ✓ Pass

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](#).

R Y B 115, 162, 154 Background



This preview shows how black text looks on a background with the R Y B color 115, 162, 154.

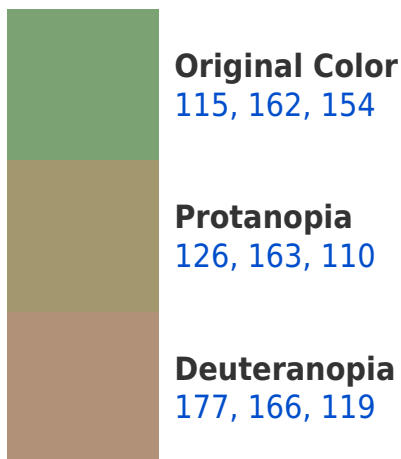


This preview shows how white text looks on a background with the R Y B color 115, 162, 154.

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

132, 146, 168

Trichromacy



Original Color
115, 162, 154

Protanomaly
112, 155, 119

Deuteranomaly
125, 157, 118

Tritanomaly
129, 146, 158

Monochromacy



Original Color
115, 162, 154

Achromatopsia
145, 145, 145

Achromatomaly
134, 151, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 162, 154 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(123, 162, 115)` looks like.

```
.text, #text, p{  
    color:rgb(123, 162, 115)  
}
```

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(123, 162, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 162, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 162, 154 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(123, 162, 115) }
```

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

```
.border{ border-color:rgb(123, 162, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 162, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 162, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 162, 115);  
box-shadow:4px 4px 4px 4px rgb(123, 162,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 162, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 162, 115) }
```

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

```
.background{ background-color: rgb(123,  
162, 115) }
```

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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