

Converting Colors

`RYB(97, 167, 167)`

Have a look what the booklet for
RYB(97, 167, 167) contains.

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Color

R_YB(97, 167, 167)

Conversions

Conversions Part 1

Format	Color
Hex	61A761
RGB	97, 167, 97
RGB Percent	38%, 65%, 38%
CMY	0.6196, 0.3451, 0.6196
CMYK	0.42, 0.00, 0.42, 0.35
HSL	120°, 28%, 52%
HSV	120°, 42%, 65%
XYZ	20.9061, 31.0419, 16.1991
YIQ	138.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

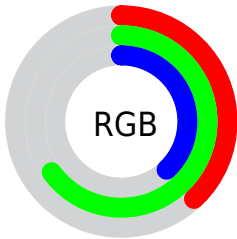
Format	Color
RYB	97, 167, 167
Decimal	6399841
CIELab	62.54, -36.73, 29.44
CIElCh	63, 47.072, 141.282
Yxy	31.0419, 0.3068, 0.4555
Android (android.graphics.Color)	4284589921 (0xFF61A761)
YUV	138.0900, -20.2574, -36.0359
Hunter-Lab	55.7152, -30.5227, 21.7622

Details

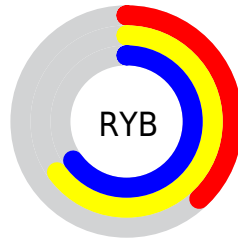
The RYB color **97, 167, 167** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **167, 97, 167**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **148, 223, 220**, and **43, 108, 114** is the 20% darker color. If you saturate the color by 10%, you get **80, 167, 167**, and if you desaturate by 10%, it is **114, 167, 167**.

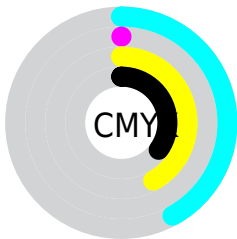
Distribution



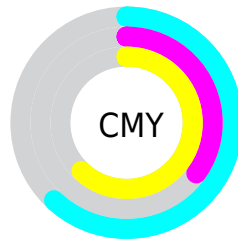
- Red (38%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)





- Cyan (62%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the RYB color 97, 167, 167 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 97, 167, 167 by changing the saturation by 10% instead.


 97, 167, 167

 97, 167, 167

255, 255, 255

 71, 138, 140


 148, 223, 220

 43, 108, 114

 175, 251, 247


 10, 76, 89

 203, 255, 251


 0, 64, 65

 231, 255, 250


 0, 43, 43


 0, 16, 16


 0, 0, 0


 97, 167, 167


 97, 167, 167

 80, 167, 167


 114, 167, 167


 64, 167, 167


 130, 167, 167


 47, 167, 167


 147, 167, 167


 30, 167, 167


 164, 167, 167


 13, 167, 167


 180, 167, 180

 0, 167, 167

 197, 167, 197

 214, 167, 214

 231, 167, 231

 247, 167, 247

Harmonies

Analogous

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



70, 158, 82



97, 167, 167



0, 96, 172

Triad

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



97, 167, 167



27, 107, 233



230, 118, 123

Complementary

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



97, 167, 167



167, 97, 167

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.



222, 117, 165



97, 167, 167



134, 144, 229

Square

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



97, 167, 167



0, 94, 215



191, 129, 204



216, 149, 87

Rectangle

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



97, 167, 167



0, 88, 173



191, 129, 204



230, 116, 137

Sweetspot

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



97, 167, 167



189, 217, 217



97, 167, 97



92, 110, 110



237, 237, 237



110, 110, 110

Same Dimension

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



97, 167, 167



108, 217, 217



97, 144, 167



76, 84, 84



0, 148, 148



0, 20, 20

Inverse Universe

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



167, 97, 167



217, 108, 217



167, 97, 132



84, 76, 84



148, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RYB color 97, 167, 167 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 97, 167, 167 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](#).

RGB 97, 167, 167 Background



This preview shows how black text looks on a background with the RGB color 97, 167, 167.

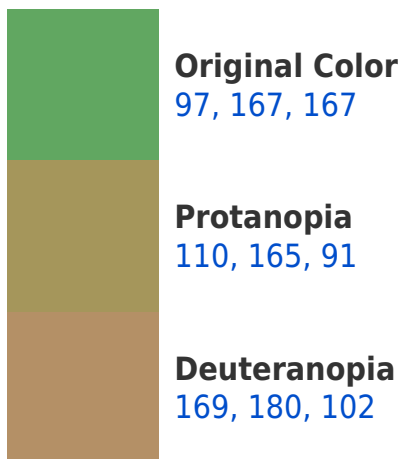



This preview shows how white text looks on a background with the RGB color 97, 167, 167.

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
112, 138, 171

Trichromacy



Original Color

97, 167, 167

Protanomaly

93, 156, 109

Deuteranomaly

100, 152, 102

Tritanomaly

107, 139, 161

Monochromacy



Original Color

97, 167, 167

Achromatopsia

138, 138, 138

Achromatomaly

123, 149, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 167, 167 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(97, 167, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 167, 97)  
}
```

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(97, 167, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 167, 97) }
```

Border

The CSS property to change the border of an element to RYB 97, 167, 167 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(97, 167, 97) }
```

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

```
.border{ border-color:rgb(97, 167, 97) }
```

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

Here you see how a box with a 4 pixel rgb(97, 167, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 167, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 167, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 167,  
97) }
```

Background

The CSS property to change the background color of an element to RGB 97, 167, 167 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 167, 97) }
```

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

```
.background{ background-color: rgb(97, 167,  
97) }
```

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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