

Converting Colors

`RYB(97, 162, 170)`

Have a look what the booklet for
RYB(97, 162, 170) contains.

| | |
|--|----|
| RYB(97, 162, 170) | 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(97, 162, 170)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61AA6A |
| RGB | 97, 170, 106 |
| RGB Percent | 38%, 67%, 42% |
| CMY | 0.6196, 0.3333, 0.5844 |
| CMYK | 0.43, 0.00, 0.38, 0.33 |
| HSL | 127°, 30%, 52% |
| HSV | 127°, 43%, 67% |
| XYZ | 21.9052, 32.3311, 18.7175 |
| YIQ | 140.8770, -22.9640, -35.3800 |

Conversions

Conversions Part 2

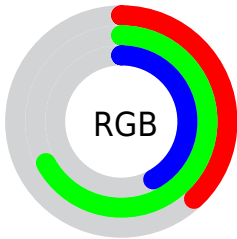
| Format | Color |
|-------------------------------------|--|
| RYB | 97, 162, 170 |
| Decimal | 6400618 |
| CIELab | 63.62, -36.62, 26.06 |
| CIElCh | 64, 44.945, 144.558 |
| Yxy | 32.3311, 0.3003, 0.4432 |
| Android (android.graphics.Color) | 4284590698 (0xFF61AA6A) |
| YUV | 140.8770, -17.1944, -38.4801 |
| Hunter-Lab | 56.8605, -30.7396, 20.2851 |

Details

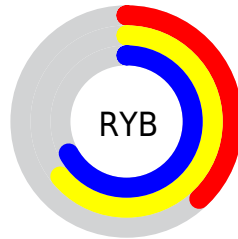
The RYB color **97, 162, 170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 97, 161**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **151, 220, 226**, and **43, 105, 117** is the 20% darker color. If you saturate the color by 10%, you get **80, 160, 170**, and if you desaturate by 10%, it is **114, 164, 170**.

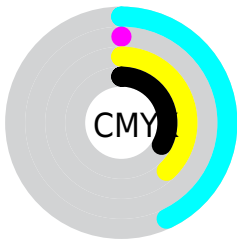
Distribution



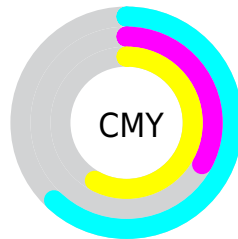
- Red (38%)
- Green (67%)
- Blue (42%)



- Red (38%)
- Yellow (64%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)




- Cyan (62%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 162, 170 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, 162, 170 by changing the saturation by 10% instead.

 97, 162, 170


255, 255, 255


 151, 220, 226


 179, 249, 255

 207, 250, 255

 236, 251, 255

 97, 162, 170

 70, 133, 143

 43, 105, 117


 9, 72, 92


 0, 58, 68


 0, 45, 45

 0, 21, 21


 0, 0, 0


 97, 162, 170


 80, 160, 170

 97, 162, 170


 114, 164, 170

 63, 158, 170


 131, 166, 170


 46, 157, 170

 148, 167, 170

 29, 155, 170

 165, 169, 170

 12, 153, 170


 182, 170, 181

 0, 151, 170

 199, 170, 195

 216, 170, 210

 233, 170, 225

 250, 170, 240

Harmonies

Analogous

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



79, 162, 96



97, 162, 170



0, 95, 174

Triad

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



97, 162, 170



65, 126, 233



229, 123, 123

Complementary

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



97, 162, 170



170, 97, 161

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.



224, 121, 163



97, 162, 170



146, 146, 227

Square

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



97, 162, 170



0, 96, 218



197, 131, 201



214, 161, 90

Rectangle

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



97, 162, 170



0, 88, 175



197, 131, 201



230, 121, 136

Sweetspot

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



97, 162, 170



193, 218, 222



97, 170, 106



94, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



97, 162, 170



106, 209, 222



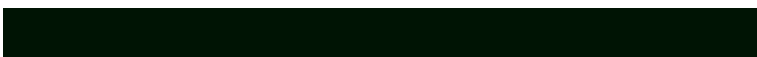
97, 142, 170



76, 83, 84



0, 132, 148



0, 17, 20

Inverse Universe

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



170, 97, 161



222, 106, 208



170, 97, 125



84, 76, 83



148, 0, 130



20, 0, 18

Previews

White Background



This preview shows how the RYB color 97, 162, 170 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, 162, 170 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 97, 162, 170 Background



This preview shows how black text looks on a background with the RYB color 97, 162, 170.

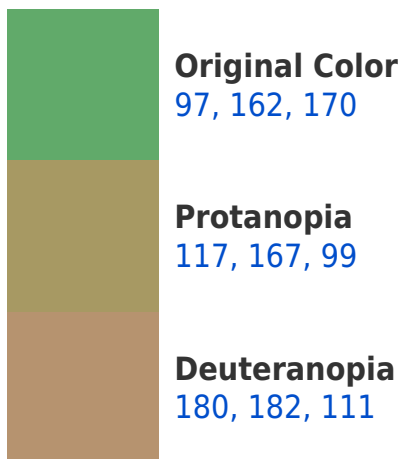


This preview shows how white text looks on a background with the RYB color 97, 162, 170.

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, 140, 175

Trichromacy



Original Color

97, 162, 170



Protanomaly

102, 159, 119



Deuteranomaly

109, 155, 113



Tritanomaly

107, 140, 165

Monochromacy



Original Color

97, 162, 170



Achromatopsia

141, 141, 141



Achromatomaly

125, 149, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 162, 170 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, 170, 106)` looks like.

```
.text, #text, p{  
    color:rgb(97, 170, 106)  
}
```

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, 170, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 170, 106) }
```

Border

The CSS property to change the border of an element to RYB 97, 162, 170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

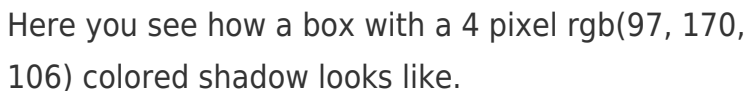
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 170, 106) }
```

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

```
.border{ border-color:rgb(97, 170, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 170, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 170, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 170, 106); box-shadow:4px 4px 4px 4px rgb(97, 170, 106) }
```

Background

The CSS property to change the background color of an element to RGB 97, 162, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 170, 106) }
```

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

```
.background{ background-color: rgb(97, 170,  
106) }
```

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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