

Converting Colors

`RYB(110, 162, 151)`

Have a look what the booklet for
RYB(110, 162, 151) contains.

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Color

$\text{RYB}(110, 162, 151)$

Conversions

Conversions Part 1

Format	Color
Hex	79A26E
RGB	121, 162, 110
RGB Percent	47%, 64%, 43%
CMY	0.5255, 0.3647, 0.5686
CMYK	0.25, 0.00, 0.32, 0.36
HSL	107°, 22%, 53%
HSV	107°, 32%, 64%
XYZ	23.6200, 31.0314, 19.4966
YIQ	143.8130, -7.7440, -24.8640

Conversions

Conversions Part 2

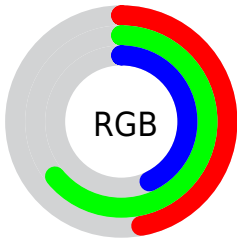
Format	Color
RYB	110, 162, 151
Decimal	7971438
CIELab	62.53, -24.16, 22.68
CIElCh	63, 33.132, 136.811
Yxy	31.0314, 0.3186, 0.4185
Android (android.graphics.Color)	4286161518 (0xFF79A26E)
YUV	143.8130, -16.6698, -20.0070
Hunter-Lab	55.7058, -21.7990, 18.2430

Details

The RYB color **110, 162, 151** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **151, 110, 162**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **162, 217, 205**, and **62, 110, 101** is the 20% darker color. If you saturate the color by 10%, you get **94, 162, 148**, and if you desaturate by 10%, it is **126, 162, 154**.

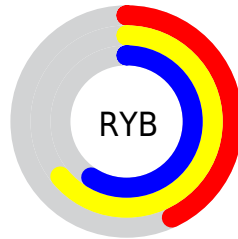
Distribution



Red (47%)

Green (64%)

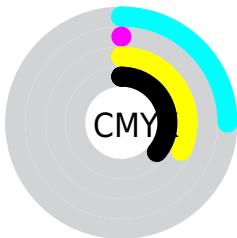
Blue (43%)



Red (43%)

Yellow (64%)

Blue (59%)

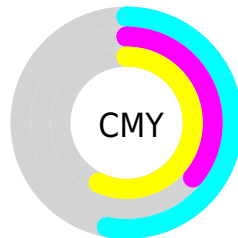


Cyan (25%)

Magenta (0%)

Yellow (32%)

Black (36%)



Cyan (53%)


Magenta (36%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 162, 151 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 110, 162, 151 by changing the saturation by 10% instead.

 110, 162, 151


255, 255, 255


 162, 217, 205


 189, 246, 233

 217, 255, 242

 246, 255, 246

 110, 162, 151


 85, 136, 126

 62, 110, 101

 39, 86, 78


 17, 62, 56


 0, 40, 38


 0, 16, 16


 0, 0, 0


 110, 162, 151


 94, 162, 148


 110, 162, 151


 126, 162, 154


 78, 162, 145


 142, 162, 157

 61, 162, 140


 159, 162, 162


 45, 162, 137

 172, 162, 175


 29, 162, 134

 185, 162, 191


 13, 162, 131

 198, 162, 207

 0, 162, 128

 210, 162, 223

 223, 162, 240

 236, 162, 255

Harmonies

Analogous

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



94, 155, 95



110, 162, 151



84, 134, 166

Triad

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



110, 162, 151



87, 132, 208



209, 129, 136

Complementary

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



110, 162, 151



151, 110, 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.



200, 130, 165



110, 162, 151



136, 146, 207

Square

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



110, 162, 151



42, 109, 193



175, 138, 192



202, 144, 110

Rectangle

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



110, 162, 151



58, 115, 167



175, 138, 192



208, 128, 146

Sweetspot

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



110, 162, 151



190, 212, 207



124, 162, 110



94, 107, 104



235, 235, 235



107, 107, 107

Same Dimension

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



110, 162, 151



129, 212, 194



110, 150, 162



73, 82, 80



0, 145, 114



0, 18, 14

Inverse Universe

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



151, 110, 162



194, 129, 212



162, 110, 147



80, 73, 82



115, 0, 145



14, 0, 18

Previews

White Background



This preview shows how the RYB color 110, 162, 151 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 110, 162, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

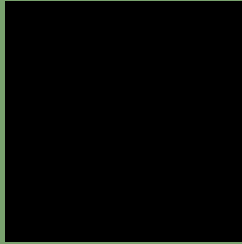
Any Text WCAG AA ✓ Pass

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 110, 162, 151 Background



This preview shows how black text looks on a background with the RYB color 110, 162, 151.

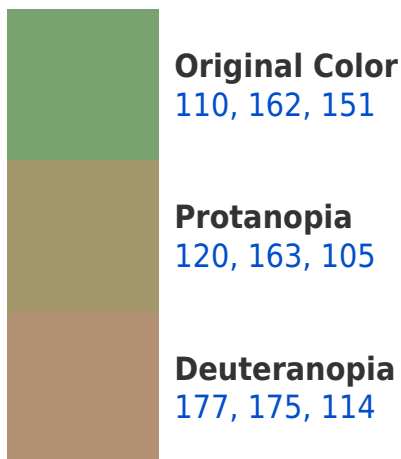


This preview shows how white text looks on a background with the RYB color 110, 162, 151.

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
131, 145, 167

Trichromacy



Original Color
110, 162, 151

Protanomaly
107, 155, 114

Deuteranomaly
120, 157, 113

Tritanomaly
127, 146, 158

Monochromacy



Original Color
110, 162, 151

Achromatopsia
144, 144, 144

Achromatomaly
132, 151, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 162, 151 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(121, 162, 110)` looks like.

```
.text, #text, p{  
    color:rgb(121, 162, 110)  
}
```

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(121, 162, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 162, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 162, 151 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(121, 162, 110) }
```

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

```
.border{ border-color:rgb(121, 162, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 162, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 162, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 162, 110);  
box-shadow:4px 4px 4px 4px rgb(121, 162,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 162, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 162, 110) }
```

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

```
.background{ background-color: rgb(121,  
162, 110) }
```

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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