

Converting Colors

`RYB(122, 181, 122)`

Have a look what the booklet for
RYB(122, 181, 122) contains.

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Color

R_YB(122, 181, 122)

Conversions

Conversions Part 1

Format	Color
Hex	B5B57A
RGB	181, 181, 122
RGB Percent	71%, 71%, 48%
CMY	0.2902, 0.2902, 0.5216
CMYK	0.00, 0.00, 0.33, 0.29
HSL	60°, 29%, 59%
HSV	60°, 33%, 71%
XYZ	39.0928, 44.2766, 24.8982
YIQ	174.2740, 18.9390, -18.3490

Conversions

Conversions Part 2

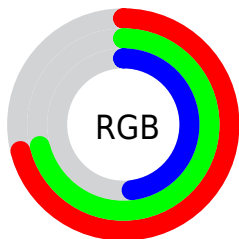
Format	Color
RYB	122, 181, 122
Decimal	11908474
CIELab	72.41, -9.25, 30.13
CIELCh	72, 31.522, 107.065
Yxy	44.2766, 0.3611, 0.4090
Android (android.graphics.Color)	4290098554 (0xFFB5B57A)
YUV	174.2740, -25.7711, 5.8987
Hunter-Lab	66.5407, -11.5771, 24.3934

Details

The RYB color **122, 181, 122** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **122, 122, 181**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **176, 238, 175**, and **72, 128, 73** is the 20% darker color. If you saturate the color by 10%, you get **104, 181, 104**, and if you desaturate by 10%, it is **140, 181, 140**.

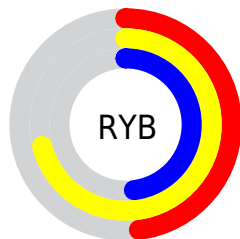
Distribution



Red (71%)

Green (71%)

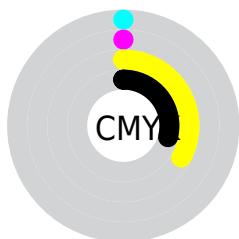
Blue (48%)



Red (48%)

Yellow (71%)

Blue (48%)

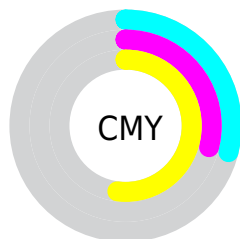


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 181, 122 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 122, 181, 122 by changing the saturation by 10% instead.


 122, 181, 122


255, 255, 255


 176, 238, 175


 203, 255, 203

 231, 255, 231

 122, 181, 122

 97, 154, 97


 72, 128, 73

 49, 103, 51


 26, 79, 28

 2, 56, 5


 0, 35, 5


 0, 15, 15


 0, 0, 0


 122, 181, 122

 122, 181, 122


 104, 181, 104


 140, 181, 140


 86, 181, 86


 158, 181, 158


 68, 181, 68

 176, 181, 176


 50, 181, 50


 181, 181, 194


 31, 181, 31


 181, 181, 213

 13, 181, 13

 181, 181, 231

 0, 181, 0

 181, 181, 249

 181, 181, 255

Harmonies

Analogous

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



186, 209, 122



122, 181, 122



138, 188, 178

Triad

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



122, 181, 122



88, 146, 219



227, 157, 191

Complementary

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



122, 181, 122



122, 122, 181

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.



202, 165, 217



122, 181, 122



121, 161, 233

Square

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



122, 181, 122



88, 141, 193



164, 173, 232



235, 156, 162

Rectangle

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



122, 181, 122



126, 172, 192



164, 173, 232



220, 159, 201

Sweetspot

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



122, 181, 122



211, 235, 211



181, 122, 122



103, 117, 103



245, 245, 245



117, 117, 117

Same Dimension

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



122, 181, 122



143, 235, 143



122, 181, 151



80, 89, 80



0, 153, 0



0, 26, 0

Inverse Universe

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



122, 122, 181



143, 143, 235



152, 122, 181



80, 80, 89



0, 0, 153



0, 0, 26

Previews

White Background



This preview shows how the RYB color 122, 181, 122 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 122, 181, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

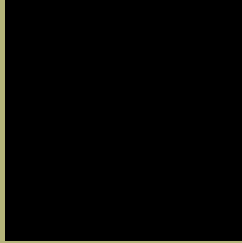
Any Text WCAG AA ✓ Pass

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 122, 181, 122 Background



This preview shows how black text looks on a background with the RYB color 122, 181, 122.



This preview shows how white text looks on a background with the RYB color 122, 181, 122.

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](#).

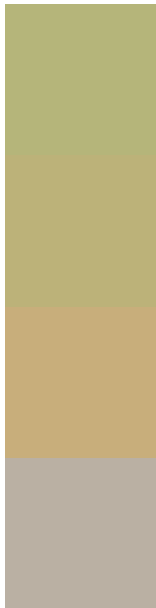
Dichromacy





Tritanopia
189, 173, 186

Trichromacy



Original Color

122, 181, 122

Protanomaly

133, 188, 121

Deuteranomaly

162, 200, 123

Tritanomaly

181, 186, 163

Monochromacy



Original Color

122, 181, 122

Achromatopsia

174, 174, 174

Achromatomaly

155, 177, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 181, 122 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(181, 181, 122)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 122)  
}
```

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(181, 181, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 181, 122 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(181, 181, 122) }
```

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

```
.border{ border-color:rgb(181, 181, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 122);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 181, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 122) }
```

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

```
.background{ background-color: rgb(181,  
181, 122) }
```

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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