

Converting Colors

`RYB(129, 184, 122)`

Have a look what the booklet for RYB(129, 184, 122) contains.

RYB(129, 184, 122)	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(129, 184, 122)

Conversions

Conversions Part 1

Format	Color
Hex	B8B27A
RGB	184, 178, 122
RGB Percent	72%, 70%, 48%
CMY	0.2784, 0.3031, 0.5216
CMYK	0.00, 0.03, 0.34, 0.28
HSL	54°, 30%, 60%
HSV	54°, 34%, 72%
XYZ	39.1428, 43.3210, 24.7111
YIQ	173.4100, 21.5520, -16.1440

Conversions

Conversions Part 2

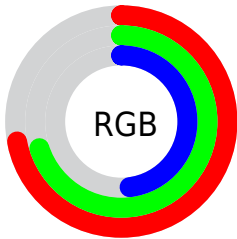
Format	Color
RYB	129, 184, 122
Decimal	12104314
CIELab	71.77, -6.33, 29.34
CIELCh	72, 30.012, 102.177
Yxy	43.3210, 0.3652, 0.4042
Android (android.graphics.Color)	4290294394 (0xFFB8B27A)
YUV	173.4100, -25.3451, 9.2874
Hunter-Lab	65.8187, -9.0277, 23.8132

Details

The RYB color **129, 184, 122** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **122, 127, 184**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **183, 241, 175**, and **76, 130, 72** is the 20% darker color. If you saturate the color by 10%, you get **113, 184, 104**, and if you desaturate by 10%, it is **144, 184, 140**.

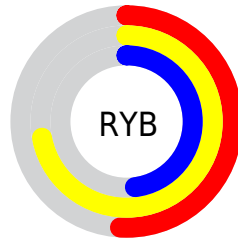
Distribution



Red (72%)

Green (70%)

Blue (48%)



Red (51%)

Yellow (72%)

Blue (48%)

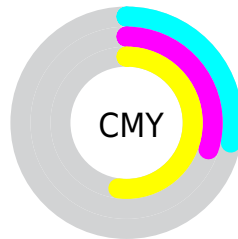


Cyan (0%)

Magenta (3%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (30%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 184, 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 129, 184, 122 by changing the saturation by 10% instead.

 129, 184, 122

255, 255, 255


 184, 241, 175

 203, 255, 203


 231, 255, 231

 129, 184, 122

 104, 157, 97


 77, 130, 72

 53, 104, 49

 28, 79, 26

 3, 55, 2

 0, 33, 1

 0, 11, 11


 0, 0, 0

 129, 184, 122


 129, 184, 122


 113, 184, 104

 144, 184, 140

 96, 184, 85

 162, 184, 159


 80, 184, 67


 178, 184, 177

 64, 184, 48


 184, 185, 196

 48, 184, 30

 184, 187, 214

 31, 184, 12

 184, 189, 232

 21, 184, 0

 184, 190, 251

 184, 192, 255

 184, 194, 255

Harmonies

Analogous

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



202, 210, 124



129, 184, 122



135, 185, 167

Triad

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



129, 184, 122



91, 145, 212



220, 158, 193

Complementary

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



129, 184, 122



122, 127, 184

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.



194, 165, 217



129, 184, 122



117, 158, 227

Square

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



129, 184, 122



95, 144, 191



157, 171, 229



231, 156, 166

Rectangle

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



129, 184, 122



132, 176, 189



157, 171, 229



213, 160, 202

Sweetspot

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



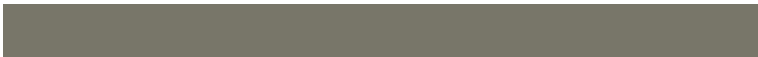
129, 184, 122



219, 240, 216



184, 122, 129



107, 120, 105



247, 247, 247



120, 120, 120

Same Dimension

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



129, 184, 122



155, 240, 144



122, 184, 146



84, 92, 83



18, 156, 0



3, 28, 0

Inverse Universe

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



122, 127, 184



144, 153, 240



146, 122, 184



83, 84, 92



0, 15, 156



0, 3, 28

Previews

White Background



This preview shows how the RYB color 129, 184, 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 129, 184, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

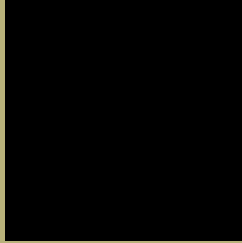
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

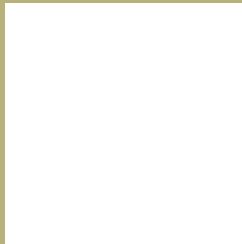
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 129, 184, 122 Background



This preview shows how black text looks on a background with the RYB color 129, 184, 122.



This preview shows how white text looks on a background with the RYB color 129, 184, 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



Original Color


[129](#), [184](#), [122](#)

Protanopia

[139](#), [190](#), [121](#)

Deuteranopia

[203](#), [209](#), [124](#)



Tritanopia
191, 170, 183

Trichromacy



Original Color
129, 184, 122

Protanomaly
134, 188, 121

Deuteranomaly
167, 200, 123

Tritanomaly
188, 183, 161

Monochromacy



Original Color
129, 184, 122

Achromatopsia
173, 173, 173

Achromatomaly
156, 177, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 184, 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(184, 178, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 178, 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(184, 178, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 178, 122) }
```

Border

The CSS property to change the border of an element to RYB 129, 184, 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(184, 178, 122) }
```

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

```
.border{ border-color:rgb(184, 178, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 178, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 178, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 178, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 178,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 129, 184, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 178, 122) }
```

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

```
.background{ background-color: rgb(184,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor