

Converting Colors

`RYB(124, 195, 122)`

Have a look what the booklet for
RYB(124, 195, 122) contains.

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Color

`RYB(124, 195, 122)`

Conversions

Conversions Part 1

Format	Color
Hex	C3C17A
RGB	195, 193, 122
RGB Percent	76%, 76%, 48%
CMY	0.2353, 0.2429, 0.5216
CMYK	0.00, 0.01, 0.37, 0.24
HSL	58°, 38%, 62%
HSV	58°, 37%, 76%
XYZ	45.1003, 51.1708, 25.9123
YIQ	185.5040, 23.9830, -21.6570

Conversions

Conversions Part 2

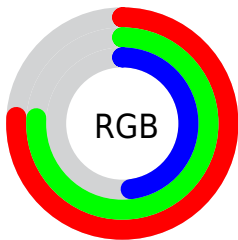
Format	Color
RYB	124, 195, 122
Decimal	12829050
CIELab	76.78, -9.94, 36.03
CIELCh	77, 37.375, 105.418
Yxy	51.1708, 0.3691, 0.4188
Android (android.graphics.Color)	4291019130 (0xFFC3C17A)
YUV	185.5040, -31.3075, 8.3280
Hunter-Lab	71.5337, -12.6441, 28.5965

Details

The RYB color **124, 195, 122** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **122, 124, 195**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **179, 253, 175**, and **72, 140, 72** is the 20% darker color. If you saturate the color by 10%, you get **105, 195, 103**, and if you desaturate by 10%, it is **143, 195, 142**.

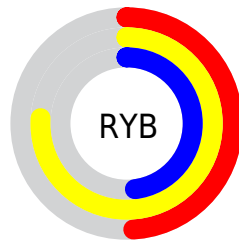
Distribution



Red (76%)

Green (76%)

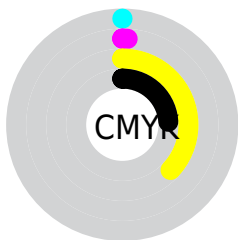
Blue (48%)



Red (49%)

Yellow (76%)

Blue (48%)

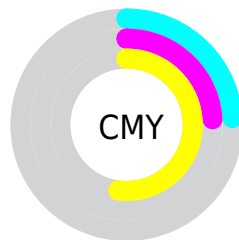


Cyan (0%)

Magenta (1%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (24%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 195, 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 124, 195, 122 by changing the saturation by 10% instead.

 124, 195, 122


255, 255, 255


 179, 253, 175


 203, 255, 203

 231, 255, 231

 124, 195, 122

 98, 167, 97

 72, 140, 72

 48, 114, 48


 24, 90, 26

 0, 66, 3

 0, 44, 4

 0, 25, 13

 0, 0, 0

 124, 195, 122

 124, 195, 122


 105, 195, 103

 143, 195, 142

 86, 195, 83

 162, 195, 161

 68, 195, 64

 181, 195, 181

 48, 195, 44

 195, 195, 200

 29, 195, 24

 195, 196, 219

 10, 195, 5

 195, 196, 239

 5, 195, 0

 195, 197, 255

 195, 198, 255

Harmonies

Analogous

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



205, 228, 123



124, 195, 122



140, 202, 186

Triad

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



124, 195, 122



68, 144, 238



247, 165, 208

Complementary

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



124, 195, 122



122, 124, 195

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.



216, 174, 238



124, 195, 122



114, 167, 255

Square

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



124, 195, 122



74, 141, 208



169, 184, 255



255, 163, 173

Rectangle

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



124, 195, 122



128, 183, 206



169, 184, 255



239, 167, 219

Sweetspot

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



124, 195, 122



225, 252, 225



195, 122, 124



112, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



124, 195, 122



142, 252, 139



122, 195, 156



87, 97, 87



5, 161, 0



1, 33, 0

Inverse Universe

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



122, 124, 195



139, 142, 252



156, 122, 195



87, 87, 97



0, 4, 161



0, 1, 33

Previews

White Background



This preview shows how the RYB color 124, 195, 122 looks on a white background.

Color Contrast Check

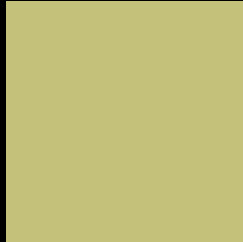
Large Text (above 18pt) WCAG AA × Fail

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 124, 195, 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 124, 195, 122 Background



This preview shows how black text looks on a background with the RYB color 124, 195, 122.



This preview shows how white text looks on a background with the RYB color 124, 195, 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
[124](#), [195](#), [122](#)

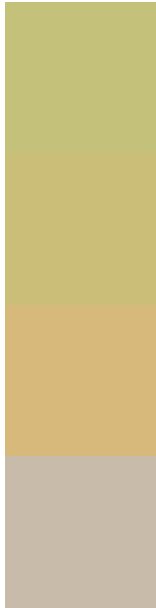
Protanopia
[142](#), [206](#), [121](#)

Deuteranopia
[209](#), [227](#), [125](#)



Tritanopia
204, 184, 198

Trichromacy



Original Color
124, 195, 122

Protanomaly
135, 202, 121

Deuteranomaly
169, 215, 124

Tritanomaly
196, 201, 170

Monochromacy



Original Color
124, 195, 122

Achromatopsia
186, 186, 186

Achromatomaly
163, 189, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 195, 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(195, 193, 122)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 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(195, 193, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 122) }
```

Border

The CSS property to change the border of an element to RYB 124, 195, 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(195, 193, 122) }
```

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

```
.border{ border-color:rgb(195, 193, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 122);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 195, 193, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 122) }
```

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

```
.background{ background-color: rgb(195,  
193, 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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