

Converting Colors

`RYB(128, 199, 107)`

Have a look what the booklet for
RYB(128, 199, 107) contains.

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Color

R_YB(128, 199, 107)

Conversions

Conversions Part 1

Format	Color
Hex	C7B66B
RGB	199, 182, 107
RGB Percent	78%, 71%, 42%
CMY	0.2196, 0.2867, 0.5804
CMYK	0.00, 0.09, 0.46, 0.22
HSL	49°, 45%, 60%
HSV	49°, 46%, 78%
XYZ	42.9150, 46.6197, 20.6466
YIQ	178.5330, 34.2070, -19.7210

Conversions

Conversions Part 2

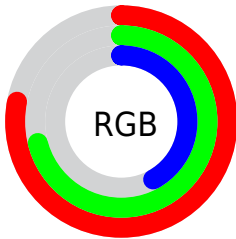
Format	Color
RYB	128, 199, 107
Decimal	13088363
CIELab	73.95, -4.11, 40.18
CIELCh	74, 40.388, 95.846
Yxy	46.6197, 0.3895, 0.4231
Android (android.graphics.Color)	4291278443 (0xFFC7B66B)
YUV	178.5330, -35.2658, 17.9496
Hunter-Lab	68.2786, -7.2952, 29.8665

Details

The RYB color **128, 199, 107** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **107, 121, 199**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **181, 255, 160**, and **74, 143, 57** is the 20% darker color. If you saturate the color by 10%, you get **113, 199, 87**, and if you desaturate by 10%, it is **143, 199, 127**.

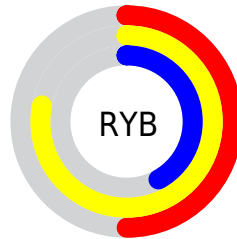
Distribution



Red (78%)

Green (71%)

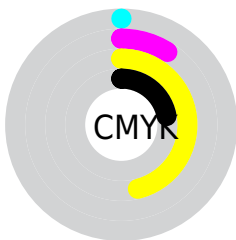
Blue (42%)



Red (50%)

Yellow (78%)

Blue (42%)

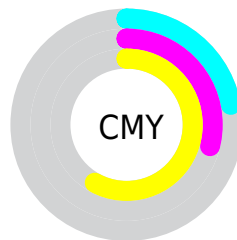


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 199, 107 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 128, 199, 107 by changing the saturation by 10% instead.

 128, 199, 107


255, 255, 255

 181, 255, 160

 187, 255, 187


 215, 255, 215

 244, 255, 244

 128, 199, 107

 102, 171, 82

 74, 143, 57

 47, 116, 33

 16, 90, 5


 9, 66, 0

 4, 40, 0

 0, 16, 5

 0, 0, 0

 128, 199, 107

 128, 199, 107

■ 113, 199, 87

■ 143, 199, 127

■ 96, 199, 67

■ 159, 199, 147

■ 81, 199, 47

■ 174, 199, 167

■ 66, 199, 27

■ 189, 199, 187

■ 52, 199, 8

■ 199, 200, 207

■ 45, 199, 0

■ 199, 203, 226

■ 199, 207, 246

■ 199, 209, 255

■ 199, 211, 255

Harmonies

Analogous

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



231, 216, 115



128, 199, 107



120, 192, 153

Triad

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



128, 199, 107



0, 106, 224



234, 157, 213

Complementary

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



128, 199, 107



107, 121, 199

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.



195, 169, 242



128, 199, 107



71, 144, 249

Square

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



128, 199, 107



59, 134, 202



140, 171, 255



253, 153, 176

Rectangle

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



128, 199, 107



130, 189, 197



140, 171, 255



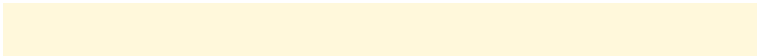
224, 161, 224

Sweetspot

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



128, 199, 107



228, 255, 219



199, 107, 125



112, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



128, 199, 107



147, 255, 115



107, 199, 135



91, 99, 90



37, 163, 0



9, 36, 0

Inverse Universe

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



107, 121, 199



115, 137, 255



135, 107, 199



90, 91, 99



0, 25, 163



0, 6, 36

Previews

White Background



This preview shows how the RYB color 128, 199, 107 looks on a white background.

Color Contrast Check

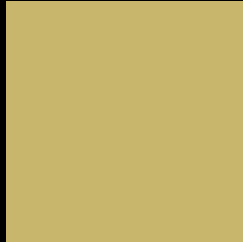
Large Text (above 18pt) WCAG AA × Fail

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 128, 199, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

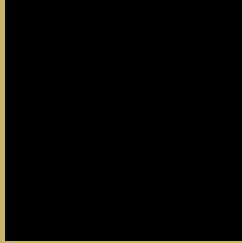
Any Text WCAG AA ✓ Pass

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 128, 199, 107 Background



This preview shows how black text looks on a background with the RYB color 128, 199, 107.



This preview shows how white text looks on a background with the RYB color 128, 199, 107.

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
128, 199, 107

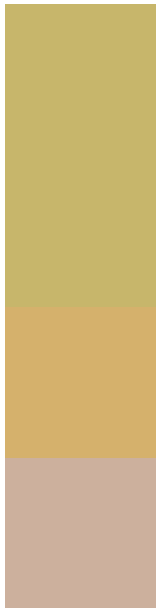
Protanopia
128, 199, 107

Deuteranopia
190, 221, 109



Tritanopia
207, 173, 186

Trichromacy



Original Color
128, 199, 107

Protanomaly
128, 199, 107

Deuteranomaly
163, 213, 108

Tritanomaly
204, 189, 157

Monochromacy



Original Color
128, 199, 107

Achromatopsia
178, 178, 178

Achromatomaly
161, 186, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 199, 107 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(199, 182, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 107)  
}
```

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(199, 182, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 107) }
```

Border

The CSS property to change the border of an element to RYB 128, 199, 107 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(199, 182, 107) }
```

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

```
.border{ border-color:rgb(199, 182, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 128, 199, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 107) }
```

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

```
.background{ background-color: rgb(199,  
182, 107) }
```

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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