

Converting Colors

`RYB(142, 202, 134)`

Have a look what the booklet for
RYB(142, 202, 134) contains.

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Color

R_YB(142, 202, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CAC386
RGB	202, 195, 134
RGB Percent	79%, 76%, 53%
CMY	0.2078, 0.2359, 0.4745
CMYK	0.00, 0.04, 0.34, 0.21
HSL	54°, 39%, 66%
HSV	54°, 34%, 79%
XYZ	48.1399, 53.2373, 30.2928
YIQ	190.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

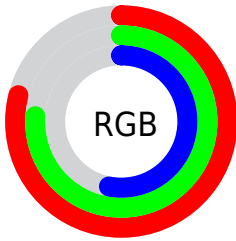
Format	Color
RYB	142, 202, 134
Decimal	13288326
CIELab	78.01, -6.68, 31.53
CIELCh	78, 32.230, 101.958
Yxy	53.2373, 0.3656, 0.4043
Android (android.graphics.Color)	4291478406 (0xFFCAC386)
YUV	190.1390, -27.6765, 10.4021
Hunter-Lab	72.9639, -9.9165, 26.4589

Details

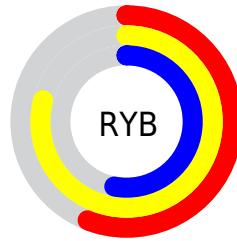
The RYB color **142, 202, 134** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **134, 140, 202**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **192, 255, 188**, and **90, 147, 83** is the 20% darker color. If you saturate the color by 10%, you get **124, 202, 114**, and if you desaturate by 10%, it is **160, 202, 154**.

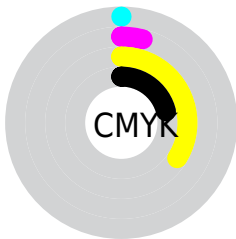
Distribution



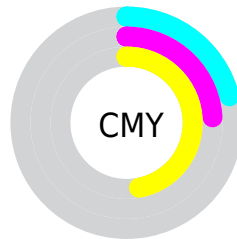
- Red (79%)
- Green (76%)
- Blue (53%)



- Red (56%)
- Yellow (79%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 202, 134 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 142, 202, 134 by changing the saturation by 10% instead.

 142, 202, 134

255, 255, 255


 192, 255, 188

 216, 255, 216

 244, 255, 244


 142, 202, 134


 115, 174, 108

 90, 147, 83


 64, 120, 60

 40, 95, 36

 15, 70, 13

 1, 47, 0

 0, 26, 3

 0, 0, 0

 142, 202, 134

 142, 202, 134

■ 124, 202, 114

■ 160, 202, 154

■ 106, 202, 94

■ 177, 202, 174

■ 89, 202, 73

■ 196, 202, 195

■ 71, 202, 53

■ 202, 203, 215

■ 53, 202, 33

■ 202, 205, 235

■ 35, 202, 13

■ 202, 207, 255

■ 23, 202, 0

■ 202, 209, 255

■ 202, 210, 255

■ 202, 212, 255

Harmonies

Analogous

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



224, 230, 137



142, 202, 134



148, 203, 182

Triad

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



142, 202, 134



100, 159, 232



241, 173, 212

Complementary

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



142, 202, 134



134, 140, 202

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.



212, 181, 238



142, 202, 134



128, 174, 249

Square

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



142, 202, 134



105, 159, 210



172, 188, 251



253, 171, 182

Rectangle

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



142, 202, 134



145, 192, 207



172, 188, 251



233, 175, 222

Sweetspot

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



142, 202, 134



233, 255, 230



202, 134, 142



114, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



142, 202, 134



165, 255, 153



134, 202, 160



93, 102, 92



20, 166, 0



4, 38, 0

Inverse Universe

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



134, 140, 202



153, 163, 255



160, 134, 202



92, 93, 102



0, 15, 166



0, 4, 38

Previews

White Background



This preview shows how the RYB color 142, 202, 134 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 142, 202, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

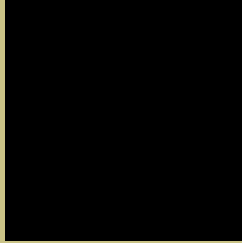
Any Text WCAG AA ✓ Pass

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](#).

R Y B 142, 202, 134 Background



This preview shows how black text looks on a background with the RYB color 142, 202, 134.



This preview shows how white text looks on a background with the RYB color 142, 202, 134.

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
142, 202, 134

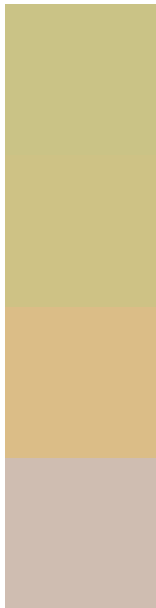
Protanopia
152, 208, 133

Deuteranopia
220, 229, 136



Tritanopia
210, 186, 201

Trichromacy



Original Color
142, 202, 134

Protanomaly
147, 206, 133

Deuteranomaly
182, 219, 135

Tritanomaly
207, 197, 177

Monochromacy



Original Color
142, 202, 134

Achromatopsia
190, 190, 190

Achromatomaly
172, 194, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 202, 134 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(202, 195, 134)` looks like.

```
.text, #text, p{  
    color:rgb(202, 195, 134)  
}
```

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(202, 195, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 195, 134) }
```

Border

The CSS property to change the border of an element to RYB 142, 202, 134 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(202, 195, 134) }
```

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

```
.border{ border-color:rgb(202, 195, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 195, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 195, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 195, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 195,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 142, 202, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 195, 134) }
```

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

```
.background{ background-color: rgb(202,  
195, 134) }
```

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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