

Converting Colors

`RYB(142, 199, 104)`

Have a look what the booklet for
RYB(142, 199, 104) contains.

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Color

R_YB(142, 199, 104)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC68
RGB	199, 172, 104
RGB Percent	78%, 67%, 41%
CMY	0.2196, 0.3261, 0.5922
CMYK	0.00, 0.14, 0.48, 0.22
HSL	43°, 46%, 59%
HSV	43°, 48%, 78%
XYZ	40.7772, 42.5923, 19.1686
YIQ	172.3210, 37.9200, -15.4240

Conversions

Conversions Part 2

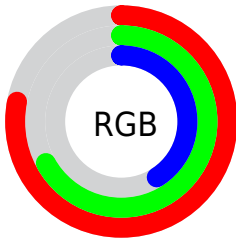
Format	Color
RYB	142, 199, 104
Decimal	13085800
CIELab	71.28, 0.91, 38.39
CIELCh	71, 38.397, 88.642
Yxy	42.5923, 0.3977, 0.4154
Android (android.graphics.Color)	4291275880 (0xFFC7AC68)
YUV	172.3210, -33.6823, 23.3975
Hunter-Lab	65.2628, -2.6802, 28.2696

Details

The RYB color **142, 199, 104** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 125, 199**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **195, 255, 156**, and **86, 143, 55** is the 20% darker color. If you saturate the color by 10%, you get **130, 199, 84**, and if you desaturate by 10%, it is **153, 199, 124**.

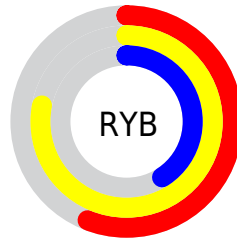
Distribution



Red (78%)

Green (67%)

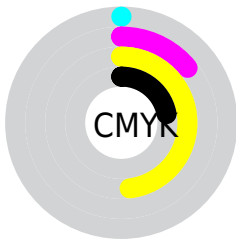
Blue (41%)



Red (56%)

Yellow (78%)

Blue (41%)

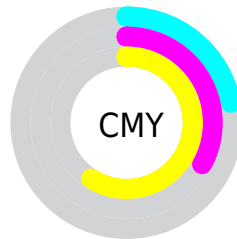


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 199, 104 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, 199, 104 by changing the saturation by 10% instead.

 142, 199, 104

 142, 199, 104

255, 255, 255

 115, 171, 79

 195, 255, 156

 86, 143, 55


 184, 255, 184


 59, 116, 31

 211, 255, 211

 27, 90, 4

 240, 255, 240


 21, 65, 0

 15, 40, 0

 10, 7, 0

 0, 0, 0

 142, 199, 104

 142, 199, 104

■ 130, 199, 84

■ 153, 199, 124

■ 119, 199, 64

■ 167, 199, 144

■ 105, 199, 44

■ 178, 199, 164

■ 94, 199, 24

■ 189, 199, 184

■ 83, 199, 4

■ 199, 200, 204

■ 80, 199, 0

■ 199, 204, 223

■ 199, 209, 243

■ 199, 213, 255

■ 199, 216, 255

Harmonies

Analogous

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



227, 189, 116



142, 199, 104



112, 182, 131

Triad

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



142, 199, 104



23, 111, 207



217, 154, 211

Complementary

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



142, 199, 104



104, 125, 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.



176, 166, 236



142, 199, 104



57, 132, 233

Square

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



142, 199, 104



74, 139, 193



121, 160, 244



239, 147, 178

Rectangle

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



142, 199, 104



127, 188, 179



121, 160, 244



205, 158, 221

Sweetspot

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



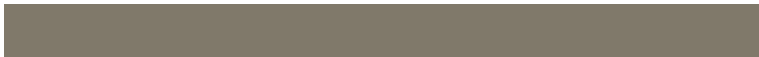
142, 199, 104



233, 255, 219



199, 104, 133



116, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



142, 199, 104



169, 255, 110



104, 199, 123



93, 99, 90



64, 163, 0



14, 36, 0

Inverse Universe

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



104, 125, 199



110, 142, 255



123, 104, 199



90, 92, 99



0, 36, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 142, 199, 104 looks on a white background.

Color Contrast Check

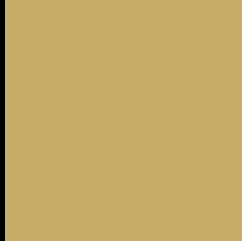
Large Text (above 18pt) WCAG AA × Fail

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, 199, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

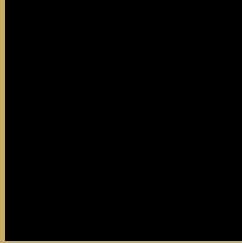
Any Text WCAG AA ✓ Pass

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 142, 199, 104 Background



This preview shows how black text looks on a background with the RYB color 142, 199, 104.

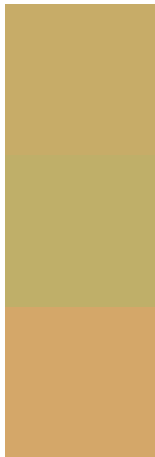


This preview shows how white text looks on a background with the RYB color 142, 199, 104.

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, 199, 104

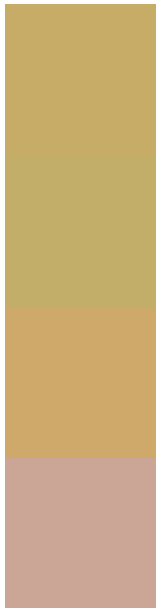
Protanopia
125, 191, 105

Deuteranopia
183, 212, 105



Tritanopia
206, 163, 176

Trichromacy



Original Color
142, 199, 104

Protanomaly
131, 194, 105

Deuteranomaly
166, 207, 105

Tritanomaly
203, 173, 150

Monochromacy



Original Color
142, 199, 104

Achromatopsia
172, 172, 172

Achromatomaly
161, 182, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 199, 104 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, 172, 104)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 104)  
}
```

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, 172, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 104) }
```

Border

The CSS property to change the border of an element to RYB 142, 199, 104 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, 172, 104) }
```

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

```
.border{ border-color:rgb(199, 172, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 104);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 142, 199, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 104) }
```

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

```
.background{ background-color: rgb(199,  
172, 104) }
```

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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