

Converting Colors

`RYB(197, 217, 104)`

Have a look what the booklet for
RYB(197, 217, 104) contains.

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Color

R_YB(197, 217, 104)

Conversions

Conversions Part 1

Format	Color
Hex	D9A668
RGB	217, 166, 104
RGB Percent	85%, 65%, 41%
CMY	0.1490, 0.3491, 0.5922
CMYK	0.00, 0.24, 0.52, 0.15
HSL	33°, 60%, 63%
HSV	33°, 52%, 85%
XYZ	44.7475, 43.0183, 19.0416
YIQ	174.1810, 50.2980, -8.4700

Conversions

Conversions Part 2

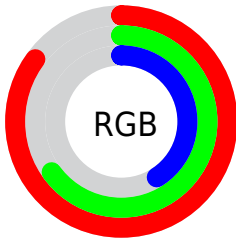
Format	Color
RYB	197, 217, 104
Decimal	14263912
CIELab	71.57, 11.52, 39.13
CIElCh	72, 40.796, 73.595
Yxy	43.0183, 0.4190, 0.4028
Android (android.graphics.Color)	4292453992 (0xFFD9A668)
YUV	174.1810, -34.5992, 37.5523
Hunter-Lab	65.5884, 7.0016, 28.6988

Details

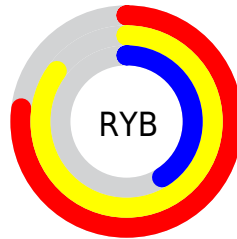
The RYB color **197, 217, 104** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 139, 217**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **208, 255, 156**, and **134, 159, 55** is the 20% darker color. If you saturate the color by 10%, you get **193, 217, 82**, and if you desaturate by 10%, it is **201, 217, 126**.

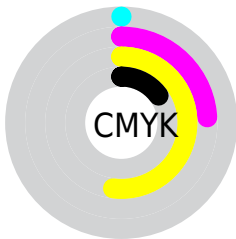
Distribution



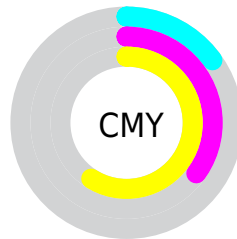
- Red (85%)
- Green (65%)
- Blue (41%)



- Red (77%)
- Yellow (85%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 217, 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 197, 217, 104 by changing the saturation by 10% instead.

 197, 217, 104

255, 255, 255

 208, 255, 156

 188, 255, 183


 211, 255, 211

 240, 255, 240

 197, 217, 104

 165, 188, 79

 134, 159, 55

 100, 131, 31

 67, 104, 5

 60, 78, 0

 52, 45, 0

 28, 0, 0

 0, 0, 0

 197, 217, 104

 197, 217, 104

■ 193, 217, 82

■ 201, 217, 126

■ 191, 217, 61

■ 203, 217, 147

■ 184, 217, 39

■ 210, 217, 169

■ 181, 217, 17

■ 213, 217, 191

■ 179, 217, 0

■ 217, 217, 213

■ 217, 222, 234

■ 217, 229, 255

■ 217, 233, 255

■ 217, 236, 255

Harmonies

Analogous

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



240, 161, 126



197, 217, 104



106, 183, 102

Triad

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



197, 217, 104



21, 109, 195



201, 159, 229

Complementary

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



197, 217, 104



104, 139, 217

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.



148, 168, 247



197, 217, 104



0, 104, 225

Square

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



197, 217, 104



93, 156, 194



80, 144, 246



235, 149, 197

Rectangle

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



197, 217, 104



112, 185, 141



80, 144, 246



185, 164, 237

Sweetspot

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



197, 217, 104



246, 255, 214



217, 104, 157



123, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



197, 217, 104



226, 255, 97



104, 217, 108



108, 110, 99



142, 173, 0



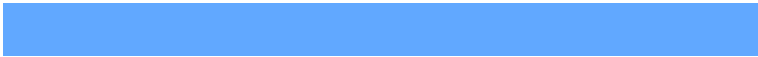
39, 46, 0

Inverse Universe

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



104, 139, 217



97, 146, 255



108, 104, 217



99, 102, 110



0, 54, 173



0, 14, 46

Previews

White Background



This preview shows how the RYB color 197, 217, 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 197, 217, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

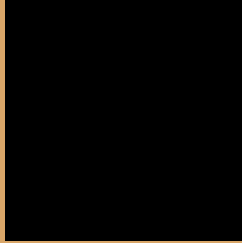
Any Text WCAG AA ✓ Pass

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 197, 217, 104 Background



This preview shows how black text looks on a background with the RYB color 197, 217, 104.


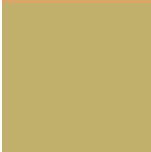



This preview shows how white text looks on a background with the RYB color 197, 217, 104.

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 197, 217, 104
	Protanopia 128, 192, 108
	Deuteranopia 181, 213, 104



Tritanopia
223, 158, 170

Trichromacy



Original Color

197, 217, 104

Protanomaly

149, 201, 107

Deuteranomaly

186, 214, 104

Tritanomaly

221, 165, 146

Monochromacy



Original Color

197, 217, 104

Achromatopsia

174, 174, 174

Achromatomaly

184, 190, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 217, 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(217, 166, 104)` looks like.

```
.text, #text, p{  
    color:rgb(217, 166, 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(217, 166, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 166, 104) }
```

Border

The CSS property to change the border of an element to RYB 197, 217, 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(217, 166, 104) }
```

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

```
.border{ border-color:rgb(217, 166, 104) }
```

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

Here you see how a box with a 4 pixel rgb(217, 166, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 166, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 166, 104);  
box-shadow:4px 4px 4px 4px rgb(217, 166,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 197, 217, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 166, 104) }
```

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

```
.background{ background-color: rgb(217,  
166, 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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