

Converting Colors

`RYB(199, 219, 118)`

Have a look what the booklet for
RYB(199, 219, 118) contains.

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Color

R_YB(199, 219, 118)

Conversions

Conversions Part 1

Format	Color
Hex	DBAE76
RGB	219, 174, 118
RGB Percent	86%, 68%, 46%
CMY	0.1412, 0.3175, 0.5373
CMYK	0.00, 0.21, 0.46, 0.14
HSL	33°, 58%, 66%
HSV	33°, 46%, 86%
XYZ	47.6290, 46.6593, 23.6354
YIQ	181.0710, 44.7960, -7.8760

Conversions

Conversions Part 2

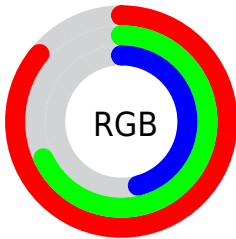
Format	Color
R_{YB}	199, 219, 118
Decimal	14397046
CIE Lab	73.97, 9.34, 34.92
CIE LCh	74, 36.151, 75.033
Yxy	46.6593, 0.4039, 0.3957
Android (android.graphics.Color)	4292587126 (0xFFDBAE76)
YUV	181.0710, -31.0940, 33.2637
Hunter-Lab	68.3076, 4.9249, 27.3002

Details

The RYB color **199, 219, 118** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **118, 149, 219**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **209, 255, 171**, and **138, 162, 68** is the 20% darker color. If you saturate the color by 10%, you get **195, 219, 96**, and if you desaturate by 10%, it is **203, 219, 140**.

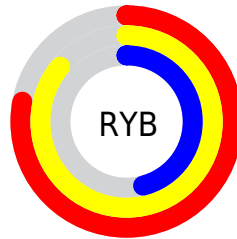
Distribution



Red (86%)

Green (68%)

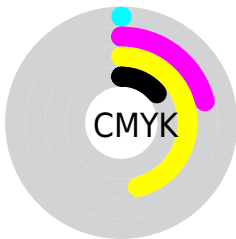
Blue (46%)



Red (78%)

Yellow (86%)

Blue (46%)

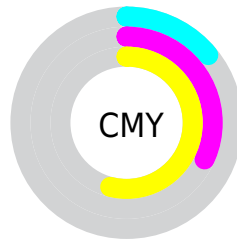


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 219, 118 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 199, 219, 118 by changing the saturation by 10% instead.

 199, 219, 118

255, 255, 255


 209, 255, 171


 198, 255, 198


 227, 255, 227

 199, 219, 118

 170, 190, 93

 138, 162, 68

 108, 134, 45

 79, 107, 22

 48, 81, 0

 49, 56, 0

 32, 9, 0

 0, 0, 0

 199, 219, 118

 199, 219, 118

■ 195, 219, 96

■ 203, 219, 140

■ 189, 219, 74

■ 207, 219, 162

■ 185, 219, 52

■ 213, 219, 184

■ 181, 219, 30

■ 217, 219, 206

■ 179, 219, 9

■ 219, 222, 228

■ 174, 219, 0

■ 219, 229, 249

■ 219, 233, 255

■ 219, 236, 255

■ 219, 237, 255

Harmonies

Analogous

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



241, 172, 136



199, 219, 118



120, 188, 117

Triad

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



199, 219, 118



71, 136, 200



207, 167, 229

Complementary

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



199, 219, 118



118, 149, 219

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.



162, 176, 246



199, 219, 118



66, 138, 228

Square

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



199, 219, 118



110, 165, 199



109, 160, 245



236, 158, 200

Rectangle

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



199, 219, 118



126, 191, 154



109, 160, 245



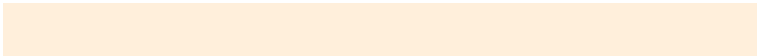
193, 171, 236

Sweetspot

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



199, 219, 118



248, 255, 219



219, 118, 163



124, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



199, 219, 118



226, 255, 115



118, 219, 123



108, 110, 99



139, 173, 0



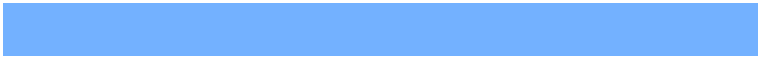
39, 46, 0

Inverse Universe

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



118, 149, 219



115, 158, 255



123, 118, 219



99, 102, 110



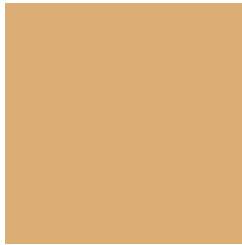
0, 53, 173



0, 14, 46

Previews

White Background



This preview shows how the RYB color 199, 219, 118 looks on a white background.

Color Contrast Check

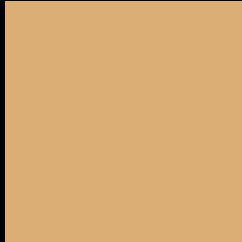
Large Text (above 18pt) WCAG AA × Fail

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 199, 219, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

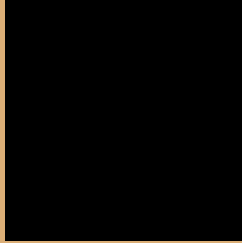
Any Text WCAG AA ✓ Pass

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 199, 219, 118 Background



This preview shows how black text looks on a background with the RYB color 199, 219, 118.


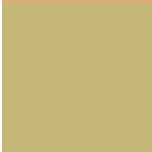



This preview shows how white text looks on a background with the RYB color 199, 219, 118.

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 199, 219, 118
	Protanopia 140, 197, 121
	Deuteranopia 199, 219, 118



Tritanopia
225, 166, 179

Trichromacy



Original Color
199, 219, 118

Protanomaly
157, 205, 120

Deuteranomaly
199, 219, 118

Tritanomaly
223, 172, 157

Monochromacy



Original Color
199, 219, 118

Achromatopsia
181, 181, 181

Achromatomaly
189, 195, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 219, 118 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(219, 174, 118)` looks like.

```
.text, #text, p{  
    color:rgb(219, 174, 118)  
}
```

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(219, 174, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 174, 118) }
```

Border

The CSS property to change the border of an element to RYB 199, 219, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

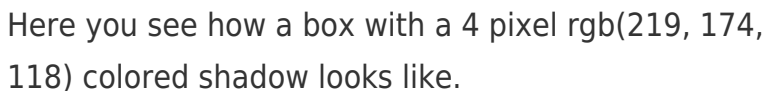
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 174, 118) }
```

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

```
.border{ border-color:rgb(219, 174, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 174, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 174, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 174, 118); box-shadow:4px 4px 4px 4px rgb(219, 174, 118) }
```

Background

The CSS property to change the background color of an element to RYB 199, 219, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 174, 118) }
```

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

```
.background{ background-color: rgb(219,  
174, 118) }
```

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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