

Converting Colors

`RYB(214, 218, 144)`

Have a look what the booklet for
RYB(214, 218, 144) contains.

RYB(214, 218, 144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(214, 218, 144)

Conversions

Conversions Part 1

Format	Color
Hex	DAB690
RGB	218, 182, 144
RGB Percent	85%, 71%, 56%
CMY	0.1451, 0.2862, 0.4353
CMYK	0.00, 0.17, 0.34, 0.15
HSL	31°, 50%, 71%
HSV	31°, 34%, 85%
XYZ	50.6811, 50.3863, 33.4399
YIQ	188.4320, 33.6540, -4.1860

Conversions

Conversions Part 2

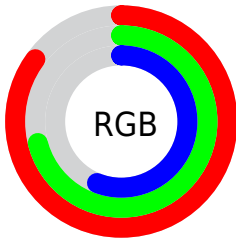
Format	Color
RYB	214, 218, 144
Decimal	14333584
CIELab	76.31, 7.58, 24.21
CIELCh	76, 25.370, 72.611
Yxy	50.3863, 0.3768, 0.3746
Android (android.graphics.Color)	4292523664 (0xFFDAB690)
YUV	188.4320, -21.9050, 25.9311
Hunter-Lab	70.9833, 3.2257, 21.7571

Details

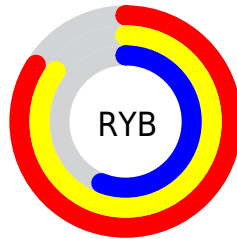
The RYB color **214, 218, 144** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **144, 168, 218**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **222, 255, 198**, and **156, 162, 93** is the 20% darker color. If you saturate the color by 10%, you get **214, 218, 122**, and if you desaturate by 10%, it is **214, 218, 166**.

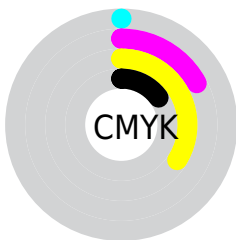
Distribution



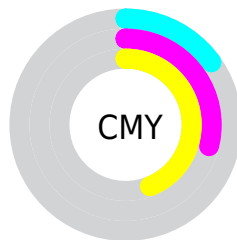
- Red (85%)
- Green (71%)
- Blue (56%)



- Red (84%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 218, 144 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 214, 218, 144 by changing the saturation by 10% instead.

 214, 218, 144

 214, 218, 144

255, 255, 255

 186, 190, 118

 222, 255, 198

 156, 162, 93

 226, 255, 226

 127, 135, 69

 99, 108, 47

 72, 83, 25

 38, 59, 0

 35, 26, 0

 0, 0, 0

 214, 218, 144

 214, 218, 144

 214, 218, 122

 214, 218, 166

 210, 218, 100

 218, 218, 188

 212, 218, 79


 216, 218, 209

 208, 218, 57

 218, 222, 231

 208, 218, 35

 218, 229, 253

 208, 218, 13

 218, 234, 255

 206, 218, 0

 218, 237, 255

Harmonies

Analogous

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



233, 181, 157



214, 218, 144



148, 195, 142

Triad

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



214, 218, 144



124, 164, 202



204, 179, 223

Complementary

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



214, 218, 144



144, 168, 218

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.



174, 185, 234



214, 218, 144



123, 166, 219

Square

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



214, 218, 144



143, 180, 200



142, 175, 232



226, 173, 203

Rectangle

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



214, 218, 144



148, 194, 164



142, 175, 232



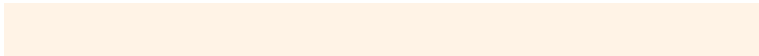
195, 181, 228

Sweetspot

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



214, 218, 144



253, 255, 230



218, 144, 181



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



214, 218, 144



249, 255, 150



144, 218, 144



110, 108, 99



163, 173, 0



42, 46, 0

Inverse Universe

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



144, 168, 218



150, 184, 255



144, 144, 218



99, 102, 110



0, 57, 173



0, 15, 46

Previews

White Background



This preview shows how the RYB color 214, 218, 144 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 214, 218, 144 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 214, 218, 144 Background



This preview shows how black text looks on a background with the RYB color 214, 218, 144.



This preview shows how white text looks on a background with the RYB color 214, 218, 144.

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
214, 218, 144

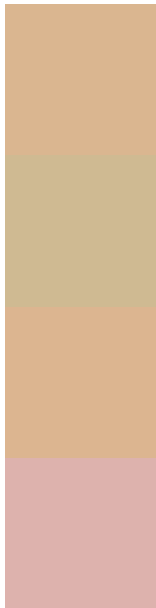
Protanopia
164, 201, 147

Deuteranopia
221, 215, 144



Tritanopia
223, 176, 189

Trichromacy



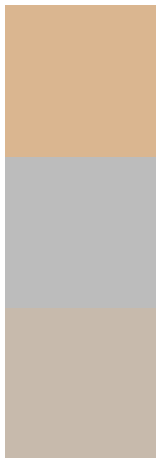
Original Color
214, 218, 144

Protanomaly
178, 207, 146

Deuteranomaly
220, 216, 144

Tritanomaly
221, 179, 173

Monochromacy



Original Color
214, 218, 144

Achromatopsia
188, 188, 188

Achromatomaly
197, 199, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 218, 144 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(218, 182, 144)` looks like.

```
.text, #text, p{  
    color:rgb(218, 182, 144)  
}
```

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(218, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 182, 144) }
```

Border

The CSS property to change the border of an element to RYB 214, 218, 144 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(218, 182, 144) }
```

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

```
.border{ border-color:rgb(218, 182, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 182, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(218, 182,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 214, 218, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 182, 144) }
```

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

```
.background{ background-color: rgb(218,  
182, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor